

421
48.

METROPOLITAN SEWERS.

Ordnance Metropolitan Survey.

REGISTER OF TIDES

IN

THE RIVER THAMES,

TAKEN AT

DEPTFORD, LONDON BRIDGE, & BATTERSEA,

From 19th June to 19th July, 1849.

PRINTED BY ORDER OF THE COURT, 26TH OCTOBER, 1849.

By Authority:

JAMES TRUSCOTT,

Printer and Publisher to the Commission,

Nelson Square, London.

W. STATIONER & CO. NEW YORK

CHAMBERLAIN'S REGISTER

REGISTER OF THE

THE RIVER THAMES

LONDON, BIRD & CO. PRINTERS

From 15th June to 15th July, 1855

at the Office of the Surveyor-General of the River Thames

By Authority

Printed and Sold by W. Stationer & Co.

ORDNANCE METROPOLITAN SURVEY.

REGISTER OF TIDES IN THE RIVER THAMES.

Date, 19th June, 1849.

TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			General Remarks respecting Wind, Weather, &c.	An unusually low ebb of the Tide. Tide Guage lowered 2.2 feet, and shifted a little in position.
H. M.		Deptford.	London Bridge.	Battersea.	H. M.		Deptford.	London Bridge.	Battersea.		
		Feet.	Feet.	Feet.			Feet.	Feet.	Feet.		
6	0 A.M.	—	15.30	17.60	12	0 Noon	30.52	—	27.35	An unusually low ebb of the Tide. Tide Guage lowered 2.2 feet, and shifted a little in position.	
	10	—	15.00	17.35		10 P.M.	30.85	—	28.00		
	20	—	14.75	17.10		20	31.18	—	28.60		
	30	—	14.40	16.90		30	31.31	—	29.10		
	40	—	14.10	16.70		40 <i>H.M.</i>	31.35	—	29.55		
	50	—	13.85	16.50		50	31.27	—	29.85		
7	0	12.20	13.55	16.30	1	0	30.85	—	30.10		
	10	11.89	13.30	16.10		10	30.39	—	30.25		
	20	11.81	13.10	15.90		20	29.85	—	30.20		
	30 <i>L.W.</i>	11.79	—	15.75		30	29.39	—	30.10		
	40	12.12	—	15.60		40	28.48	—	29.70		
	50	12.68	—	15.45		50	27.68	—	29.25		
8	0	13.45	—	15.30	2	0	27.10	—	28.60		
	10	14.27	—	15.15		10	26.35	—	28.00		
	20	14.89	—	15.05		20	25.60	—	27.40		
	25	—	11.75	—		—	—	—	—		
	30	15.73	—	14.90		30	24.89	—	26.90		
	40	16.60	—	14.90		40	24.35	—	26.40		
	50	17.48	—	15.15		50	23.68	—	25.85		
9	0	18.31	—	15.40	3	0	23.23	—	25.35		
	10	19.14	—	16.15		10	22.60	—	24.85		
	20	19.81	—	16.90		20	22.12	—	24.35		
	30	20.64	—	17.45		30	21.52	—	23.90		
	40	21.48	—	18.05		40	21.10	—	23.50		
	50	22.31	—	18.70		50	20.52	—	23.10		
10	0	22.89	—	19.40	4	0	20.10	—	22.60		
	10	23.60	—	20.10		10	19.52	—	22.25		
	20	24.39	—	20.85		20	19.10	—	21.90		
	30	24.89	—	21.50		30	18.52	—	21.40		
	40	25.60	—	22.20		40	18.10	—	21.10		
	50	26.27	—	22.80		50	17.56	—	20.80		
11	0	26.77	—	23.40	5	0	17.20	—	20.40		
	10	27.52	—	24.10		10	16.66	—	20.00		
	20	28.27	—	24.85		20	16.33	—	19.60		
	30	28.81	—	25.35		30	15.83	—	19.35		
	40	29.52	—	26.10		40	15.50	—	19.05		
	50	30.10	—	26.60		50	15.14	—	18.80		
12	0 Noon	30.52	—	27.35	6	0	14.64	—	18.50		

Height on Guage above the assumed zero.

{ 11.79
11.35
11.75
14.60
31.35
31.35
—
30.35

TIME.

{ 7.30 A.M.
8.00 P.M.
8.25 A.M.
8.35 " " " "
0.40 P.M.
0.40 " " "
—
1.15 " "

Low-water at { Deptford . . .
London-bridge
Battersea . . .
High-water at { Deptford . . .
London-bridge
Battersea . . .

ORDNANCE METROPOLITAN SURVEY.

REGISTER OF TIDES IN THE RIVER THAMES.

Date, 20th June, 1849.

TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			General Remarks respecting Wind, Weather, &c.
H.	M.	Deptford.	London Bridge.	Battersea.	H.	M.	Deptford.	London Bridge.	Battersea.	
		Feet.	Feet.	Feet.			Feet.	Feet.	Feet.	
6	0 A.M.	16.31	17.65	19.65	12	0 Noon	30.52	30.30	27.85	
	10	15.85	17.50	19.35		10 P.M.	30.85	30.80	28.35	
	20	15.60	17.10	19.00		20	31.35	31.20	28.85	
	30	15.31	16.80	18.75		30	31.68	31.60	29.35	
	40	14.89	16.45	18.50		40	32.18	32.05	29.85	
	50	14.68	16.15	18.20		50	32.48	32.50	30.35	
7	0	14.45	15.80	17.95	1	0	32.73	32.80	30.80	
	10	14.27	15.55	17.75		10 <i>H.W.</i>	33.10	33.20	31.20	
	20	13.91	15.25	17.45		20	33.10	33.35	31.55	
	30	13.75	15.00	17.25		30	32.85	33.45	31.85	
	40	13.66	14.75	17.00		40	32.68	33.45	32.00	
	50 <i>L.W.</i>	13.62	14.45	16.85		50	32.43	33.20	32.10	
8	0	13.66	14.25	16.60	2	0	31.73	32.75	32.15	
	10	13.89	14.15	16.40		10	31.22	32.25	31.85	
	20	14.56	14.30	16.25		20	30.43	31.60	31.50	
	30	15.43	14.60	16.05		30	29.64	30.95	31.20	
	40	16.43	15.35	15.90		40	29.10	30.30	30.45	
	50	17.35	16.40	15.75		50	28.22	29.60	29.85	
9	0	18.27	17.60	15.60	3	0	27.43	29.00	29.20	
	10	19.18	18.50	15.85		10	26.73	28.30	28.65	
	20	20.10	19.90	16.95		20	26.14	27.60	28.25	
	30	20.85	20.80	17.75		30	25.48	27.00	27.50	
	40	21.85	21.40	18.35		40	24.81	26.40	27.10	
	50	22.77	22.20	19.10		50	24.27	26.00	26.55	
10	0	23.56	23.05	19.80	4	0	23.73	25.30	26.10	
	10	24.43	23.80	20.65		10	23.27	24.85	25.60	
	20	25.27	24.70	21.35		20	22.60	24.30	25.15	
	30	25.77	25.40	22.15		30	22.12	23.80	24.70	
	40	26.52	26.15	22.90		40	21.52	23.25	24.30	
	50	27.18	26.70	23.65		50	21.12	22.85	23.90	
11	0	27.68	27.40	24.35	5	0	20.56	22.25	23.40	
	10	28.27	27.85	25.00		10	20.10	21.80	22.95	
	20	28.60	28.40	25.65		20	19.56	21.30	22.60	
	30	29.18	28.80	26.30		30	19.14	20.85	22.10	
	40	29.56	29.40	26.85		40	18.62	20.40	21.85	
	50	30.10	29.90	27.35		50	18.27	19.95	21.40	
12	0 Noon	30.52	30.30	27.85	6	0	17.75	19.45	21.00	

General Remarks respecting Wind, Weather, &c.

Height on Guage above the assumed zero.

TIME.

13.60
14.15
15.60
33.14
33.45
32.15

7.57 A.M.
{ 8.10 " "
8.15 " "
9.00 " "
1.15 P.M.
{ 1.30 " "
1.40 " "
2.00 " "

Low-water at { Deptford . . .
London-bridge
Battersea . . .
High-water at { Deptford . . .
London-bridge
Battersea . . .

ORDNANCE METROPOLITAN SURVEY.

REGISTER OF TIDES IN THE RIVER THAMES.

Date, 21st June, 1849.

TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			General Remarks respecting Wind, Weather, &c.
H.	M.	Deptford.	London Bridge.	Battersea.	H.	M.	Deptford.	London Bridge.	Battersea.	
		Feet.	Feet.	Feet.			Feet.	Feet.	Feet.	
6	0 A.M.	17.60	19.40	21.05	12	0 Noon	23.85	23.35	20.00	Tide Guage lowered 1.2 feet at 25 min. past 10 o'clock A.M.
	10	17.27	19.00	20.70		10 P.M.	24.68	24.05	20.80	
	20	16.76	18.60	20.30		20	25.39	24.80	21.60	
	30	16.37	18.20	20.00		30	26.14	25.55	22.25	
	40	15.83	17.70	19.65		40	26.73	26.20	22.95	
	50	15.47	17.30	19.35		50	27.47	26.90	23.65	
7	0	15.14	16.90	19.05	1	0	28.22	27.65	24.30	
	10	14.64	16.40	18.80		10	28.76	28.35	25.00	
	20	14.35	16.00	18.45		20	29.52	29.10	25.65	
	30	13.87	15.70	18.10		30	30.31	29.85	26.55	
	40	13.62	15.40	17.90		40	30.81	30.50	27.20	
	50	13.33	15.10	17.65		50	31.47	31.10	27.95	
8	0	12.91	14.70	17.45	2	0	31.71	31.60	28.65	
	10	12.64	14.35	17.20		10	31.87	31.90	29.15	
	20	12.39	14.05	16.94		20 <i>H.W.</i>	32.14	32.30	29.85	
	30	12.14	13.75	16.80		30	32.12	32.40	30.35	
	40	11.78	13.50	16.50		40	31.83	32.45	30.65	
	50	11.56	13.20	16.40		50	31.52	32.30	30.95	
9	0	11.39	12.90	16.10	3	0	31.10	32.00	31.15	
	10	11.18	12.65	15.95		10	30.31	31.45	30.90	
	20	10.89	12.45	15.85		20	29.43	30.70	30.60	
	30 <i>L.W.</i>	10.81	12.20	15.70		30	28.56	30.00	30.00	
	40	11.39	12.00	15.50		40	27.73	29.20	29.35	
	50	12.47	11.80	15.30		50	27.10	28.50	28.60	
10	0	13.39	11.85	15.10	4	0	26.27	27.70	28.15	
	10	14.31	13.40	15.05		10	25.52	27.05	27.50	
	20	15.18	14.50	14.90		20	24.85	26.45	26.90	
	30	16.10	15.45	14.70		30	24.31	25.80	26.30	
	40	17.14	16.30	14.75		40	23.64	25.25	25.80	
	50	18.10	17.40	15.05		50	23.12	24.65	25.30	
11	0	19.10	18.35	15.75	5	0	22.52	24.10	24.80	
	10	19.79	19.15	16.45		10	21.87	23.60	24.40	
	20	20.75	20.00	17.15		20	21.39	23.05	23.90	
	30	21.60	20.85	17.80		30	20.76	22.50	23.50	
	40	22.43	21.85	18.60		40	20.39	22.00	22.90	
	50	23.22	22.70	19.30		50	19.76	20.50	22.70	
12	0 Noon	23.85	23.35	20.00	6	0	19.35	20.05	22.00	

Height on Guage above the assumed zero.

10.81

11.80

14.70

32.16

32.45

31.15

TIME.

9.30 A.M.

9.50 " "

9.55 " "

10.30 " "

10.35 " "

2.25 P.M.

2.35 " "

2.45 " "

3.00 " "

Low-water at

Deptford . . .

London-bridge

Battersea . . .

High-water at

Deptford . . .

London-bridge

Battersea . . .

426

ORDNANCE METROPOLITAN SURVEY.

REGISTER OF TIDES IN THE RIVER THAMES.

Date, 22nd June, 1849.

TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			General Remarks respecting Wind, Weather, &c.
H.	M.	Deptford.	London Bridge.	Battersea.	H.	M.	Deptford.	London Bridge.	Battersea.	
		Feet.	Feet.	Feet.			Feet.	Feet.	Feet.	
6	0 A.M.	21.22	22.80	23.90	12	0 Noon	23.00	22.35	19.15	
	10	20.64	22.40	23.55		10 P.M.	23.83	23.20	19.90	
	20	20.22	21.90	23.10		20	24.65	24.05	20.70	
	30	19.64	21.40	22.70		30	25.35	24.80	21.40	
	40	19.22	20.95	22.30		40	25.97	25.60	22.15	
	50	18.68	20.45	21.85		50	26.63	26.20	22.90	
7	0	18.31	20.05	21.50	1	0	27.20	26.75	23.65	
	10	17.76	19.55	21.10		10	27.80	27.40	24.35	
	20	17.43	19.15	20.75		20	28.35	28.00	25.00	
	30	16.89	18.75	20.40		30	28.85	28.50	25.60	
	40	16.56	18.30	20.05		40	29.45	29.05	26.20	
	50	16.20	17.90	19.75		50	30.00	29.65	26.80	
8	0	15.74	17.50	19.45	2	0	30.55	30.25	27.40	
	10	15.43	17.10	19.15		10	31.10	30.80	28.00	
	20	15.10	16.80	18.80		20	31.70	31.30	28.55	
	30	14.64	16.45	18.60		30	32.15	32.00	29.20	
	40	14.39	16.05	18.25		40	32.60	32.40	29.80	
	50	14.12	15.55	18.00		50	32.90	32.80	30.30	
9	0	13.68	15.40	17.75	3	0	33.03	33.20	30.90	
	10	13.45	15.05	17.50		10 <i>H.W.</i>	33.08	33.35	31.40	
	20	13.22	14.70	17.25		20	32.90	33.35	31.70	
	30	12.80	14.40	17.10		30	32.55	33.20	31.85	
	40	12.66	14.15	16.85		40	32.05	33.00	31.95	
	50 <i>L.W.</i>	12.49	13.85	16.65		50	31.37	32.30	31.85	
10	0	12.53	13.65	16.48	4	0	30.68	31.80	31.60	
	10	12.75	13.45	16.25		10	29.82	31.20	31.10	
	20	13.70	13.25	16.10		20	28.97	30.35	30.10	
	30	14.55	13.30	15.90		30	28.23	29.65	29.75	
	40	15.63	14.60	15.75		40	27.45	28.90	29.20	
	50	16.55	15.80	15.58		50	26.80	28.15	28.60	
11	0	17.55	16.75	15.40	5	0	26.08	27.45	27.95	
	10	18.40	17.70	15.25		10	25.33	26.80	27.50	
	20	19.35	18.70	16.05		20	24.75	26.25	26.90	
	30	20.30	19.70	16.90		30	24.07	25.70	26.35	
	40	21.33	20.60	17.70		40	23.58	25.15	25.85	
	50	22.20	21.50	18.55		50	23.00	24.60	25.40	
12	0 Noon	23.00	22.35	19.15	6	0	22.50	24.05	24.90	

General Remarks respecting Wind, Weather, &c.

Height on Guage above the assumed zero.

TIME.

12.48
13.25
15.25
33.08
33.35
31.95

9.55 A.M.
10.20 }
10.25 }
11.10 }
3.10 P.M.
3.10 }
3.25 }
3.40 }

Low-water at { Deptford . . .
London-bridge
Battersea . . .
High-water at { Deptford . . .
London-bridge
Battersea . . .

ORDNANCE METROPOLITAN SURVEY.

REGISTER OF TIDES IN THE RIVER THAMES.

Date, 23rd June, 1849.

TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			General Remarks respecting Wind, Weather, &c.	
H.	M.	Deptford.	London Bridge.	Battersea.	H.	M.	Deptford.	London Bridge.	Battersea.		
		Feet.	Feet.	Feet.			Feet.	Feet.	Feet.		
6	0 A.M.	23.80	25.00	25.80	12	0 Noon	17.97	17.20	15.10		
	10	23.10	24.55	25.30		10 P.M.	18.90	18.25	15.55		
	20	22.40	24.00	24.85		20	19.89	19.15	16.40		
	30	21.82	23.30	24.35		30	20.87	20.15	17.15		
	40	21.28	22.90	23.95		40	21.75	21.00	17.90		
	50	20.73	22.30	23.45		50	22.62	22.00	18.60		
7	0	20.22	22.00	23.05	1	0	23.46	22.80	19.40		
	10	19.72	21.40	22.60		10	24.26	23.55	20.15		
	20	19.23	21.00	22.20		20	24.92	24.35	20.90		
	30	18.73	20.40	22.00		30	25.60	25.00	21.70		
	40	18.25	20.00	21.45		40	26.20	25.70	22.45		
	50	17.80	19.55	21.05		50	26.83	26.40	23.15		
8	0	17.32	19.05	20.70	2	0	27.40	26.95	23.80	Height on Guage above the assumed zero. 11.79 12.55 15.05 32.72 33.00 31.50	
	10	16.88	18.65	20.30		10	28.00	27.50	24.50		
	20	16.46	18.25	19.95		20	28.50	28.10	25.20		
	30	16.03	17.85	19.70		30	29.10	28.65	25.70		
	40	15.63	17.40	19.35		40	29.62	29.20	26.30		
	50	15.25	17.00	19.05		50	30.25	29.80	26.90		
9	0	14.85	16.60	18.75	3	0	30.75	30.30	27.55		TIME. 10.55 A.M. 11.25 " " 0 3 P.M. 3.55 P.M. { 4.5 " " { 4.15 " " { 4.25 " " { 4.30 " "
	10	14.53	16.20	18.50		10	31.45	30.80	28.10		
	20	14.13	15.80	18.15		20	31.88	31.60	28.75		
	30	13.83	15.50	17.90		30	32.27	32.05	29.40		
	40	13.50	15.20	17.70		40	32.55	32.55	29.90		
	50	13.20	14.80	17.45		50	32.70	32.80	30.50		
10	0	12.90	14.40	17.20	4	0	32.68	32.95	30.95	Low-water at { Deptford . . . { London-bridge . . . { Battersea . . . High-water at { Deptford . . . { London-bridge . . . { Battersea . . .	
	10	12.62	14.20	17.00		10	32.50	33.00	31.25		
	20	12.38	13.90	16.75		20	32.13	32.80	31.45		
	30	12.16	13.60	16.65		30	31.52	32.45	31.50		
	40	11.95	13.30	16.35		40	30.90	32.00	31.30		
	50	11.82	13.05	16.15		50	30.16	31.30	31.10		
11	0	12.05	12.80	16.00	5	0	29.33	30.60	30.55		
	10	13.00	12.70	15.80		10	28.55	29.80	29.90		
	20	14.13	12.55	15.65		20	27.65	29.00	29.20		
	30	15.13	13.80	15.50		30	26.90	28.30	28.65		
	40	16.00	15.35	15.40		40	26.25	27.70	28.05		
	50	17.00	16.30	15.20		50	25.55	27.10	27.40		
12	0 Noon	17.97	17.20	15.10	6	0	25.00	26.30	26.85		

ORDNANCE METROPOLITAN SURVEY.

REGISTER OF TIDES IN THE RIVER THAMES.

Date, 25th June, 1849.

TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			General Remarks respecting Wind, Weather, &c.
H.	M.	Deptford.	London Bridge.	Battersea.	H.	M.	Deptford.	London Bridge.	Battersea.	
		Feet.	Feet.	Feet.			Feet.	Feet.	Feet.	
6	0 A.M.	31.10	32.05	31.45	12	0 Noon	13.10	14.45	16.90	
	10	30.32	31.40	31.15		10 P.M.	12.95	14.10	16.70	
	20	29.50	30.75	30.70		20 <i>L.M.</i>	12.88	13.90	16.50	
	30	28.67	30.00	30.18		30	13.12	13.70	16.30	
	40	27.88	29.20	29.45		40	13.97	13.60	16.12	
	50	27.12	28.55	28.75		50	14.93	13.70	15.95	
7	0	26.40	27.80	28.15	1	0	15.86	15.00	15.80	
	10	25.70	27.10	27.65		10	16.70	16.20	15.60	
	20	25.05	26.45	26.95		20	17.56	17.00	15.45	
	30	24.40	25.80	26.50		30	18.42	18.00	15.30	
	40	23.80	25.35	25.95		40	19.25	18.80	16.15	
	50	23.28	24.75	25.50		50	20.10	19.55	17.05	
8	0	22.70	24.20	25.00	2	0	21.05	20.40	17.75	
	10	22.17	23.70	24.55		10	21.85	21.20	18.40	
	20	21.65	23.20	24.10		20	22.65	22.20	19.10	
	30	21.10	22.65	23.70		30	23.40	22.80	19.75	
	40	20.60	22.20	23.25		40	24.13	23.60	20.45	
	50	20.07	21.75	22.85		50	24.70	24.35	21.15	
9	0	19.62	21.20	22.40	3	0	25.35	25.00	21.85	
	10	19.12	20.75	22.00		10	25.90	25.60	22.55	
	20	18.63	20.30	21.65		20	26.50	26.15	23.20	
	30	18.23	19.90	21.20		30	27.00	26.65	23.80	
	40	17.80	19.40	20.90		40	27.45	27.20	24.35	
	50	17.40	19.00	20.60		50	27.95	27.65	25.00	
10	0	16.98	18.60	20.20	4	0	28.40	28.15	25.45	
	10	16.55	18.20	19.85		10	28.93	28.60	26.00	
	20	16.15	17.80	19.55		20	29.38	29.10	26.50	
	30	15.80	17.40	19.25		30	29.85	29.60	26.95	
	40	15.48	17.00	18.90		40	30.30	29.95	27.50	
	50	15.07	16.60	18.70		50	30.75	30.55	27.95	
11	0	14.76	16.30	18.40	5	0	31.16	31.00	28.50	
	10	14.42	16.00	18.10		10	31.44	31.45	29.05	
	20	14.10	15.70	17.80		20	31.62	31.80	29.50	
	30	13.80	15.30	17.60		30	31.70	32.00	29.90	
	40	13.60	15.00	17.35		40	31.69	32.20	30.30	
	50	13.34	14.70	17.15		50	31.50	32.20	30.60	
12	0 Noon	13.10	14.45	16.90	6	0	31.07	31.90	30.75	

General Remarks respecting Wind, Weather, &c.

Height on Guage above the assumed zero.

TIME.

12.88
13.60
15.30
31.74
32.20
31.45

0.20 P.M.
0.35 " "
0.45 " "
1.30 " "
5.35 " "
5.40 " "
5.50 " "
6.00 A.M.

Low-water at { Deptford . . .
 { London-bridge . . .
 { Battersea . . .
High-water at { Deptford . . .
 { London-bridge . . .
 { Battersea . . .

ORDNANCE METROPOLITAN SURVEY.

REGISTER OF TIDES IN THE RIVER THAMES.

Date, 26th June, 1849.

TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			General Remarks respecting Wind, Weather, &c.
H.	M.	Deptford.	London Bridge.	Battersea.	H.	M.	Deptford.	London Bridge.	Battersea.	
		Feet.	Feet.	Feet.			Feet.	Feet.	Feet.	
6	0 A.M.	31.50	31.60	29.15	12	0 Noon	14.00	15.40	17.55	
	10 <i>P.M.</i>	31.50	31.70	29.60		10 P.M.	13.69	15.10	17.20	
	20	31.38	31.80	29.90		20	13.53	14.80	17.05	
	30	31.10	31.55	30.20		30	13.22	14.50	16.85	
	40	30.65	31.25	30.35		40	13.07	14.15	16.60	
	50	30.05	30.80	30.20		50 <i>L.M.</i>	12.95	14.00	16.40	
7	0	29.35	30.40	30.05	1	0	13.00	13.80	16.20	
	10	28.55	29.80	29.65		10	13.30	13.60	16.00	
	20	27.77	29.05	29.05		20	13.95	13.55	15.75	
	30	27.05	28.35	28.55		30	14.73	13.75	15.65	
	40	26.30	27.65	27.90		40	15.62	14.70	15.50	
	50	25.60	27.00	27.30		50	16.50	15.75	15.30	
8	0	24.92	26.35	26.70	2	0	17.22	16.60	15.15	
	10	24.28	25.70	26.20		10	17.97	17.50	15.10	
	20	23.62	25.10	25.65		20	18.90	18.40	15.80	
	30	23.08	24.60	25.20		30	19.72	19.10	16.55	
	40	22.52	24.00	24.70		40	20.55	19.80	17.30	
	50	21.98	23.50	24.20		50	21.40	20.70	17.90	
9	0	21.48	23.00	23.70	3	0	22.20	21.60	18.50	
	10	20.95	22.45	23.30		10	22.90	22.30	19.20	
	20	20.43	21.95	22.90		20	23.60	23.05	19.90	
	30	19.90	21.45	22.50		30	24.25	23.60	20.60	
	40	19.43	21.05	22.10		40	24.95	24.40	21.25	
	50	18.95	20.50	21.65		50	25.50	25.00	21.90	
10	0	18.50	20.10	21.30	4	0	26.05	25.60	22.55	
	10	18.07	19.65	20.90		10	26.55	26.10	23.20	
	20	17.60	19.20	20.55		20	27.02	26.65	23.80	
	30	17.22	18.80	20.20		30	27.50	27.15	24.30	
	40	16.75	18.30	19.85		40	27.90	27.70	24.85	
	50	16.43	17.95	19.55		50	28.33	28.10	25.35	
11	0	15.98	17.60	19.20	5	0	28.75	28.50	25.90	
	10	15.65	17.30	18.90		10	29.24	28.95	26.40	
	20	15.27	16.80	18.60		20	29.65	29.40	26.80	
	30	14.95	16.45	18.30		30	30.05	29.80	27.30	
	40	14.60	16.05	18.10		40	30.40	30.20	27.75	
	50	14.28	15.70	17.75		50	30.73	30.60	28.25	
12	0 Noon	14.00	15.40	17.55	6	0	31.02	31.00	28.75	

Height on Guage above the assumed zero.

TIME.

12.90	13.55	15.10	31.55	31.80	30.35
0.55 P.M.	1.15 "	1.20 "	2.5 "	2.10 "	6.5 A.M.
6.15 "	6.20 "	6.40 "			
Deptford . . .	London-bridge	Battersea . . .	Deptford . . .	London-bridge	Battersea . . .
Low-water at			High-water at		

ORDNANCE METROPOLITAN SURVEY.

REGISTER OF TIDES IN THE RIVER THAMES.

Date, 27th June, 1849.

TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			General Remarks respecting Wind, Weather, &c.
H.	M.	Deptford.	London Bridge.	Battersea.	H.	M.	Deptford.	London Bridge.	Battersea.	
		Feet.	Feet.	Feet.			Feet.	Feet.	Feet.	
6	0 A.M.	29.40	29.00	25.90	12	0 Noon	15.62	17.05	18.70	
	10	29.85	29.50	26.55		10 P.M.	15.25	16.70	18.45	
	20	30.27	30.05	27.10		20	14.92	16.40	18.15	
	30	30.55	30.40	27.75		30	14.60	16.10	17.90	
	40	30.75	30.80	28.30		40	14.32	15.70	17.65	
	50	30.85	31.00	28.70		50	14.05	15.35	17.35	
7	0 <i>H.W.</i>	30.85	31.10	29.05	1	0	13.80	15.15	17.15	
	10	30.73	31.20	29.40		10	13.57	14.80	16.90	
	20	30.43	31.05	29.70		20	13.42	14.50	16.65	
	30	30.05	30.80	29.70		30	13.30	14.30	16.50	
	40	29.57	30.40	29.65		40	13.23	14.10	16.25	
	50	28.82	29.80	29.45		50 <i>L.W.</i>	13.45	13.90	16.15	
8	0	28.07	29.25	29.05	2	0	13.85	13.80	15.90	
	10	27.40	28.55	28.60		10	14.43	13.90	15.70	
	20	26.62	27.85	27.90		20	15.05	14.50	15.60	
	30	25.95	27.05	27.45		30	15.77	15.30	15.40	
	40	25.22	26.60	26.85		40	16.45	16.30	15.25	
	50	24.57	26.00	26.35		50	17.22	16.95	15.10	
9	0	23.98	25.35	25.75	3	0	18.00	17.40	15.25	
	10	23.37	24.80	25.30		10	18.70	18.20	15.90	
	20	22.85	24.25	24.80		20	19.47	19.00	16.55	
	30	22.25	23.70	24.30		30	20.20	19.70	17.30	
	40	21.75	23.10	23.95		40	20.94	20.50	17.80	
	50	21.25	22.70	23.40		50	21.70	21.20	18.35	
10	0	20.73	22.20	22.95	4	0	22.40	21.80	18.95	
	10	20.20	21.75	22.65		10	23.08	22.50	19.60	
	20	19.77	21.20	22.20		20	23.70	23.30	20.30	
	30	19.26	20.80	21.80		30	24.30	23.80	20.90	
	40	18.82	20.35	21.45		40	24.85	24.50	21.50	
	50	18.37	19.90	21.00		50	25.37	25.00	22.10	
11	0	17.89	19.40	20.70	5	0	25.88	25.60	22.65	
	10	17.50	19.00	20.30		10	26.30	26.00	23.25	
	20	17.08	18.60	19.95		20	26.67	26.45	23.80	
	30	16.72	18.20	19.70		30	27.10	27.00	24.30	
	40	16.32	17.85	19.30		40	27.50	27.35	24.80	
	50	15.95	17.40	19.05		50	27.90	27.70	25.20	
12	0 Noon	15.62	17.05	18.70	6	0	28.25	28.20	25.85	

General Remarks respecting Wind, Weather, &c.

Height on Guage above the assumed zero.

TIME.

13.23
13.80
15.07
30.90
31.20
29.75

1.40 P.M.
1.55 " "
2.5 " "
2.49 " "
6.55 A.M.
7.10 " "
7.15 " "
7.25 " "

Deptford . . .
London-bridge . . .
Battersea . . .
Deptford . . .
London-bridge . . .
Battersea . . .

Low-water at { Deptford . . .
London-bridge . . .
Battersea . . .

High-water at { Deptford . . .
London-bridge . . .
Battersea . . .

ORDNANCE METROPOLITAN SURVEY.

REGISTER OF TIDES IN THE RIVER THAMES.

Date, 28th June, 1849.

TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			General Remarks respecting Wind, Weather, &c.
H.	M.	Deptford.	London Bridge.	Battersea.	H.	M.	Deptford.	London Bridge.	Battersea.	
		Feet.	Feet.	Feet.			Feet.	Feet.	Feet.	
6	0 A.M.	26.20	25.75	22.90	12	0 Noon	18.10	19.45	20.55	
	10	26.75	26.30	23.45		10 P.M.	17.72	19.05	20.20	
	20	27.25	26.80	24.05		20	17.35	18.60	19.85	
	30	27.75	27.40	24.60		30	17.02	18.30	19.55	
	40	28.27	27.85	25.15		40	16.66	18.00	19.25	
	50	28.75	28.50	25.65		50	16.31	17.70	18.95	
7	0	29.20	28.90	26.25	1	0	15.98	17.25	18.65	
	10	29.57	29.35	26.75		10	15.72	16.85	18.35	
	20	29.88	29.75	27.20		20	15.47	16.60	18.10	
	30	30.10	30.05	27.75		30	15.20	16.35	17.75	
	40	30.20	30.30	28.20		40	15.00	16.00	17.60	
	50	30.25	30.45	28.60		50	14.83	15.80	17.30	
8	0 <i>H.W.</i>	30.20	30.50	28.80	2	0	14.75	15.55	17.10	Height on Guage above the assumed zero. 14.70 15.05 15.65 30.25 30.50 29.22
	10	30.05	30.45	29.00		10 <i>L.W.</i>	14.73	15.30	16.90	
	20	29.77	30.30	29.15		20	14.82	15.20	16.70	
	30	29.32	30.05	29.22		30	15.00	15.05	16.55	
	40	28.65	29.70	29.05		40	15.65	15.15	16.25	
	50	27.85	29.25	28.80		50	16.25	15.55	16.10	
9	0	27.35	28.70	28.40	3	0	16.90	16.25	15.90	
	10	26.85	28.15	27.95		10	17.67	17.20	15.70	
	20	26.28	27.45	27.45		20	18.33	17.80	15.65	
	30	25.65	26.85	26.90		30	19.02	18.45	16.05	
	40	25.00	26.30	26.35		40	19.71	19.20	16.85	
	50	24.40	25.60	25.95		50	20.43	20.00	17.60	
10	0	23.80	25.15	25.50	4	0	21.17	20.70	18.15	TIME. 2.5 P.M. { 2.30 " " } { 2.35 " " } 3.20 " " } 7.50 A.M. { 8.0 " " } { 8.5 " " } 8.30 " "
	10	23.27	24.50	24.95		10	21.90	21.30	18.70	
	20	22.75	24.05	24.50		20	22.53	22.20	19.30	
	30	22.20	23.55	24.05		30	23.26	22.80	19.90	
	40	21.72	23.05	23.65		40	23.92	23.55	20.55	
	50	21.15	22.50	23.25		50	24.55	24.20	21.15	
11	0	20.75	22.10	22.75	5	0	25.14	24.80	21.70	
	10	20.27	21.60	22.35		10	25.83	25.20	22.45	
	20	19.85	21.20	21.95		20	26.12	25.80	23.00	
	30	19.40	20.80	21.55		30	26.46	26.20	23.55	
	40	18.95	20.30	21.20		40	26.80	26.70	24.10	
	50	18.53	19.90	20.90		50	27.15	27.05	24.60	
12	0 Noon	18.10	19.45	20.55	6	0	27.37	27.45	25.00	Low-water at { Deptford . . . London-bridge Battersea . . . High-water at { Deptford . . . London-bridge Battersea . . .

432

ORDNANCE METROPOLITAN SURVEY.

REGISTER OF TIDES IN THE RIVER THAMES.

Date, 29th June, 1849.

TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			General Remarks respecting Wind, Weather, &c.
H.	M.	Deptford.	London Bridge.	Battersea.	H.	M.	Deptford.	London Bridge.	Battersea.	
		Feet.	Feet.	Feet.			Feet.	Feet.	Feet.	
6	0 A.M.	22.47	22.15	19.55	12	0 Noon	20.88	22.20	22.75	
	10	23.00	22.70	20.10		10 P.M.	20.37	21.80	22.40	
	20	23.55	23.30	20.60		20	19.90	21.25	22.00	
	30	24.10	23.80	21.15		30	19.45	20.85	21.65	
	40	24.65	24.30	21.70		40	19.01	20.40	21.20	
	50	25.18	24.80	22.20		50	18.55	20.00	20.90	
7	0	25.67	25.30	22.70	1	0	18.18	19.60	20.55	
	10	26.15	25.90	23.25		10	17.80	19.10	20.20	
	20	26.68	26.40	23.75		20	17.40	18.70	19.85	
	30	27.15	26.80	24.25		30	17.00	18.35	19.55	
	40	27.62	27.30	24.75		40	16.63	18.00	19.25	
	50	28.08	27.80	25.25		50	16.27	17.60	18.90	
8	0	28.50	28.30	25.70	2	0	15.95	17.25	18.70	
	10	28.86	28.65	26.20		10	15.62	16.80	18.35	
	20	29.15	29.00	26.65		20	15.33	16.60	18.05	
	30	29.40	29.40	27.15		30	15.05	16.30	17.80	
	40	29.55	29.70	27.50		40	14.78	16.00	17.55	
	50	29.63	29.85	27.90		50	14.53	15.60	17.30	
9	0	29.67	29.95	28.20	3	0	14.33	15.20	17.05	
	10	29.60	30.00	28.40		10	14.18	15.05	16.80	
	20	29.40	29.90	28.60		20	14.10	14.90	16.60	
	30	29.05	29.80	28.70		30	14.12	14.70	16.40	
	40	28.63	29.40	28.60		40	14.28	14.60	16.20	
	50	28.07	29.00	28.50		50	14.65	14.60	16.05	
10	0	27.50	28.60	28.20	4	0	15.07	14.60	15.85	
	10	26.90	28.00	27.70		10	15.62	15.30	15.70	
	20	26.27	27.40	27.30		20	16.20	15.90	15.55	
	30	25.68	26.80	26.80		30	16.85	16.40	15.35	
	40	25.05	26.30	26.30		40	17.50	17.10	15.28	
	50	24.47	25.80	25.90		50	18.03	17.90	15.60	
11	0	23.88	25.30	25.50	5	0	18.62	18.40	16.20	
	10	23.35	24.70	24.95		10	19.25	19.00	16.90	
	20	22.82	24.00	24.50		20	19.85	19.60	17.35	
	30	22.28	23.60	24.05		30	20.45	20.20	17.85	
	40	21.76	23.20	23.65		40	21.07	20.80	18.30	
	50	21.33	22.65	23.20		50	21.68	21.40	18.85	
12	0 Noon	20.88	22.20	22.75	6	0	22.33	22.00	19.40	

General Remarks respecting Wind, Weather, &c.

Height on Guage above the assumed zero.

TIME.

14.08
14.60
15.28
29.67
30.00
28.70

3.25 P.M.
3.35 " "
4.00 " "
4.40 " "
9.00 A.M.
9.5 " "
9.15 " "
9.30 " "

Low-water at { Deptford . . .
 { London-bridge
 { Battersea . . .
High-water at { Deptford . . .
 { London-bridge
 { Battersea . . .

ORDNANCE METROPOLITAN SURVEY.

REGISTER OF TIDES IN THE RIVER THAMES.

Date, 30th June, 1849.

TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			General Remarks respecting Wind, Weather, &c.
H.	M.	Deptford.	London Bridge.	Battersea.	H.	M.	Deptford.	London Bridge.	Battersea.	
		Feet.	Feet.	Feet.			Feet.	Feet.	Feet.	
6	0 A.M.	18.78	18.55	16.35	12	0 Noon	24.67	25.90	26.10	
	10	19.32	19.00	16.85		10 P.M.	24.10	25.40	25.65	
	20	19.88	19.60	17.30		20	23.60	24.90	25.15	
	30	20.55	20.20	17.70		30	23.10	24.40	24.70	
	40	21.20	20.80	18.20		40	22.60	23.90	24.30	
	50	21.80	21.40	18.70		50	22.12	23.40	23.80	
7	0	22.40	21.95	19.20	1	0	21.65	23.00	23.45	
	10	23.01	22.60	19.80		10	21.22	22.50	23.00	
	20	23.55	23.20	20.30		20	20.77	22.00	22.65	
	30	24.07	23.70	20.90		30	20.33	21.60	22.25	
	40	24.62	24.25	21.45		40	19.87	21.20	21.85	
	50	25.20	24.80	21.95		50	19.43	20.80	21.55	
8	0	25.78	25.40	22.55	2	0	19.00	20.30	21.10	
	10	26.36	25.80	23.15		10	18.68	19.80	20.75	
	20	26.87	26.50	23.55		20	18.30	19.50	20.50	
	30	27.32	27.00	24.10		30	17.90	19.20	20.15	
	40	27.77	27.45	24.70		40	17.57	18.80	19.85	
	50	28.25	28.00	25.25		50	17.25	18.40	19.50	
9	0	28.71	28.45	25.75	3	0	16.91	18.10	19.15	
	10	29.10	28.90	26.20		10	16.57	17.80	18.90	
	20	29.45	29.25	26.70		20	16.28	17.40	18.70	
	30	29.62	29.60	27.15		30	16.08	17.15	18.35	
	40	29.80	29.80	27.70		40	15.88	16.80	18.05	
	50	29.97	30.20	28.10		50	15.67	16.60	17.80	
10	0	30.10	30.20	28.50	4	0	15.49	16.30	17.65	
	10	30.10	30.30	28.70		10	15.39	16.15	17.40	
	20	29.90	30.30	28.80		20	15.50	16.00	17.20	
	30	29.70	30.30	28.95		30	15.80	15.90	17.00	
	40	29.38	30.00	29.05		40	16.20	15.80	16.80	
	50	28.95	29.65	28.95		50	16.70	16.00	16.60	
11	0	28.22	29.30	28.80	5	0	17.13	16.80	16.40	
	10	27.57	28.60	28.50		10	17.63	17.40	16.20	
	20	27.08	28.10	27.95		20	18.13	17.90	16.10	
	30	26.47	27.60	27.50		30	18.62	18.45	16.40	
	40	25.82	26.95	27.00		40	19.15	19.00	16.90	
	50	25.20	26.45	26.60		50	19.80	19.50	17.35	
12	0 Noon	24.67	25.90	26.10	6	0	20.35	20.10	17.95	

Height on Guage above the assumed zero.

15.39
15.80
16.10
30.15
30.30
29.05

TIME.

4.10 P.M.
4.40 "
5.20 "
10.5 A.M.
{ 10.5 "
10.30 "
10.40 "

Low-water at { Deptford .
London-bridge
Battersea .

High-water at { Deptford .
London-bridge
Battersea .

434

ORDNANCE METROPOLITAN SURVEY.

REGISTER OF TIDES IN THE RIVER THAMES.

Date, 1st July, 1849.

TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			General Remarks respecting Wind, Weather, &c.
H.	M.	Deptford.	London Bridge.	Battersea.	H.	M.	Deptford.	London Bridge.	Battersea.	
		Feet.	Feet.	Feet.			Feet.	Feet.	Feet.	
6	0 A.M.	15.02	14.80	15.15	12	0 Noon	27.36	28.20	27.70	
	10	15.50	15.20	14.90		10 P.M.	26.80	27.80	27.40	
	20	16.00	15.80	14.85		20	26.20	27.20	27.00	
	30	16.60	16.35	14.75		30	25.59	26.70	26.70	
	40	17.10	16.95	14.90		40	24.97	26.10	26.10	
	50	17.65	17.50	15.40		50	24.35	25.50	25.70	
7	0	18.25	18.05	16.00	1	0	23.81	24.90	25.20	
	10	18.85	18.60	16.50		10	23.25	24.45	24.75	
	20	19.45	19.15	17.00		20	22.71	24.15	24.30	
	30	20.05	19.75	17.40		30	22.20	23.80	23.90	
	40	20.60	20.35	17.90		40	21.70	23.00	23.40	
	50	21.25	20.80	18.35		50	21.17	22.40	23.00	
8	0	21.85	21.55	18.90	2	0	20.70	21.80	22.55	
	10	22.40	22.10	19.35		10	20.22	21.65	22.20	
	20	22.97	22.70	19.90		20	19.75	21.10	21.75	
	30	23.55	23.20	20.50		30	19.25	20.50	21.40	
	40	24.05	23.80	20.90		40	18.85	20.15	21.05	
	50	24.52	24.25	21.60		50	18.40	19.80	20.70	
9	0	25.05	24.75	22.00	3	0	17.98	19.40	20.30	
	10	25.60	25.30	22.60		10	17.58	18.80	19.90	
	20	26.02	25.75	23.00		20	17.15	18.45	19.65	
	30	26.45	26.20	23.50		30	16.75	18.10	19.30	
	40	26.82	26.60	23.95		40	16.37	17.80	19.00	
	50	27.23	27.05	24.45		50	16.01	17.40	18.70	
10	0	27.65	27.50	24.95	4	0	15.68	17.00	18.40	
	10	28.03	27.90	25.40		10	15.32	16.60	18.05	
	20	28.33	28.20	25.80		20	14.96	16.25	17.85	
	30	28.65	28.55	26.20		30	14.67	15.95	17.60	
	40	28.84	28.80	26.70		40	14.40	15.65	17.30	
	50	28.94	29.00	27.00		50	14.13	15.35	17.10	
11	0	29.02	29.20	27.30	5	0	13.90	15.05	16.80	
	10 <i>HW</i>	29.00	29.30	27.55		10	13.69	14.80	16.60	
	20	28.85	29.40	27.80		20	13.51	14.50	16.40	
	30	28.66	29.20	27.90		30	13.38	14.30	16.20	
	40	28.40	29.00	28.00		40	13.29	14.05	15.95	
	50	27.91	28.60	27.90		50 <i>LW</i>	13.35	13.90	15.80	
12	0 Noon	27.36	28.20	27.70	6	0	13.55	13.80	15.55	

Height on Guage above the assumed zero.

TIME.

13.29
13.80
14.75
29.05
29.40
28.00

5.40 P.M.
5.55 " }
6.10 " }
6.30 A.M.
11.5 A.M.
11.20 " }
11.40 " }

Low-water at { Deptford . .
London-bridge
Battersea . . }
High-water at { Deptford . .
London-bridge
Battersea . . }

ORDNANCE METROPOLITAN SURVEY.

REGISTER OF TIDES IN THE RIVER THAMES.

Date, 2nd July, 1849.

TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			General Remarks respecting Wind, Weather, &c.
H.	M.	Deptford.	London Bridge.	Battersea.	H.	M.	Deptford.	London Bridge.	Battersea.	
		Feet.	Feet.	Feet.			Feet.	Feet.	Feet.	
6	0 A.M.	12.92	13.65	15.75	12	0 Noon	30.67	31.00	29.40	
	10	12.94	13.50	15.60		10 P.M.	30.40	30.90	29.60	
	20	13.14	13.40	15.40		20	30.02	30.65	29.75	
	30	13.50	13.30	15.30		30	29.55	30.30	29.65	
	40	14.02	13.50	15.10		40	29.03	29.90	29.50	
	50	14.60	14.20	14.90		50	28.37	29.40	29.10	
7	0	15.18	14.75	14.80	1	0	27.65	28.70	28.70	
	10	15.80	15.40	14.65		10	27.00	28.10	28.20	
	20	16.44	16.00	14.55		20	26.36	27.50	27.70	
	30	17.15	16.70	14.60		30	25.70	26.90	27.20	
	40	17.90	17.40	15.10		40	25.05	26.30	26.70	
	50	18.62	18.10	15.70		50	24.48	25.70	26.10	
8	0	19.40	18.80	16.35	2	0	23.90	25.20	25.70	
	10	20.12	19.55	16.95		10	23.35	24.65	25.20	
	20	20.88	20.20	17.50		20	22.88	24.10	24.70	
	30	21.58	21.00	18.05		30	22.37	23.65	24.35	
	40	22.28	21.75	18.70		40	21.85	23.05	23.75	
	50	22.92	22.40	19.30		50	21.35	22.60	23.40	
9	0	23.57	23.05	19.95	3	0	20.88	22.20	22.90	
	10	24.20	23.70	20.55		10	20.43	21.80	22.50	
	20	24.75	24.30	21.10		20	19.97	21.30	22.15	
	30	25.32	24.90	21.80		30	19.53	20.80	21.75	
	40	25.83	25.50	22.35		40	19.07	20.40	21.30	
	50	26.38	26.10	23.00		50	18.65	20.00	21.05	
10	0	26.93	26.60	23.60	4	0	18.30	19.60	20.65	
	10	27.45	27.00	24.15		10	17.91	19.20	20.30	
	20	27.95	27.60	24.75		20	17.55	18.80	19.95	
	30	28.45	28.10	25.25		30	17.17	18.40	19.70	
	40	28.90	28.60	25.80		40	16.85	18.10	19.40	
	50	29.30	29.05	26.35		50	16.53	17.70	19.10	
11	0	29.70	29.40	26.80	5	0	16.15	17.40	18.80	
	10	30.10	29.90	27.30		10	15.85	17.10	18.60	
	20	30.38	30.20	27.80		20	15.55	16.70	18.15	
	30	30.52	30.55	28.35		30	15.25	16.45	17.75	
	40	30.65	30.75	28.70		40	14.95	16.15	17.60	
	50	30.74	30.85	29.15		50	14.70	15.85	17.35	
12	0 Noon	30.67	31.00	29.40	6	0	14.50	15.60	17.20	

Height on Guage above the assumed zero.

TIME.

12.90	13.30	14.50	30.74	31.00	29.75
6.5 A.M.	6.30 "	7.25 "	11.50 "	Noon	00.5 P.M.
Low-water at { Deptford . London-bridge . Battersea .			High-water at { Deptford . London-bridge . Battersea .		

436

ORDNANCE METROPOLITAN SURVEY.

REGISTER OF TIDES IN THE RIVER THAMES.

Date, 3rd July, 1849.

TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			General Remarks respecting Wind, Weather, &c.
H.	M.	Deptford.	London Bridge.	Battersea.	H.	M.	Deptford.	London Bridge.	Battersea.	
		Feet.	Feet.	Feet.			Feet.	Feet.	Feet.	
6	0 A.M.	14.30	15.70	17.45	12	0 Noon	27.30	27.05	24.30	
	10	13.95	15.40	17.20		10 P.M.	27.65	27.45	24.90	
	20	13.68	15.00	16.95		20	27.85	27.80	25.45	
	30	13.45	14.75	16.70		30	28.00	28.05	25.90	
	40	13.25	14.55	16.50		40	28.07	28.30	26.20	
	50	13.05	14.20	16.30		50	28.00	28.45	26.50	
7	0	12.88	13.95	16.10	1	0	27.80	28.40	26.90	
	10 L.M.	12.80	13.75	15.90		10	27.52	28.10	27.10	
	20	12.80	13.50	15.70		20	27.10	27.80	27.25	
	30	12.92	13.30	15.50		30	26.55	27.40	26.90	
	40	13.28	13.30	15.30		40	26.08	27.00	26.60	
	50	13.72	13.50	15.20		50	25.55	26.50	26.20	
8	0	14.25	13.80	15.00	2	0	24.85	25.90	25.75	
	10	14.80	14.40	14.90		10	24.20	25.30	25.30	
	20	15.43	14.90	14.80		20	23.60	24.90	24.80	
	30	16.03	15.60	14.70		30	23.00	24.20	24.35	
	40	16.60	16.40	14.60		40	22.40	23.60	23.90	
	50	17.20	17.00	14.70		50	21.90	23.10	23.50	
9	0	17.85	17.50	15.20	3	0	21.37	23.00	22.95	
	10	18.45	18.15	15.80		10	20.83	22.20	22.60	
	20	19.10	18.75	16.35		20	20.28	21.60	22.20	
	30	19.65	19.45	16.90		30	19.75	21.10	21.80	
	40	20.30	20.05	17.40		40	19.26	20.55	21.45	
	50	20.90	20.65	17.90		50	18.77	20.20	20.90	
10	0	21.50	21.15	18.40	4	0	18.25	19.60	20.60	
	10	22.05	21.70	18.85		10	17.79	19.20	20.20	
	20	22.55	22.25	19.60		20	17.35	18.80	19.90	
	30	23.05	22.80	20.10		30	16.87	18.40	19.50	
	40	23.50	23.25	20.50		40	16.48	18.10	19.15	
	50	24.00	23.80	21.05		50	16.03	17.70	18.85	
11	0	24.50	24.20	21.55	5	0	15.63	17.05	18.50	
	10	25.00	24.90	22.00		10	15.20	16.60	18.20	
	20	25.50	25.25	22.50		20	14.82	16.25	17.90	
	30	26.00	25.70	23.05		30	14.45	16.00	17.70	
	40	26.40	26.20	23.45		40	14.12	15.70	17.35	
	50	26.90	26.70	23.95		50	13.80	15.30	17.10	
12	0 Noon	27.30	27.05	24.30	6	0	13.45	14.90	16.80	

Height on Guage above the assumed zero.

12.79
13.30
14.55
28.07
28.45
27.25

TIME.

7.15 A.M.
{ 7.30 " "
7.40 " "
8.45 " "
0.40 P.M.
{ 0.50 " "
0.55 " "
1.20 " "

Low-water at { Deptford . . .
London-bridge
Battersea . . .
High-water at { Deptford . . .
London-bridge
Battersea . . .

ORDNANCE METROPOLITAN SURVEY.

REGISTER OF TIDES IN THE RIVER THAMES.

Date, 4th July, 1849.

TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			General Remarks respecting Wind, Weather, &c.
H.	M.	Deptford.	London Bridge.	Battersea.	H.	M.	Deptford.	London Bridge.	Battersea.	
		Feet.	Feet.	Feet.			Feet.	Feet.	Feet.	
6	0 A.M.	15.41	16.80	18.45	12	0 Noon	28.83	28.60	25.60	
	10	15.07	16.55	18.15		10 P.M.	29.37	29.15	26.20	
	20	14.73	16.10	17.90		20	29.88	29.70	26.80	
	30	14.43	15.80	17.65		30	30.25	30.05	27.30	
	40	14.17	15.50	17.35		40	30.53	30.45	27.80	
	50	13.90	15.10	17.10		50	30.77	30.75	28.40	
7	0	13.60	14.80	16.90	1	0	30.97	31.10	28.80	
	10	13.40	14.60	16.70		10	31.02	31.30	29.10	
	20	13.20	14.30	16.50		20	31.01	31.30	29.40	
	30	13.02	14.05	16.25		30	30.90	31.30	29.70	
	40	12.87	13.85	16.05		40	30.55	31.20	29.85	
	50	12.83	13.55	15.85		50	30.20	30.90	29.95	
8	0	12.91	13.30	15.70	2	0	29.65	30.45	29.85	Height on Guage above the assumed zero. 12.83 13.30 14.60 31.04 31.30 29.95
	10	13.35	13.30	15.50		10	29.00	30.00	29.55	
	20	13.89	13.30	15.30		20	28.25	29.70	29.20	
	30	14.58	13.90	15.10		30	27.45	28.70	28.70	
	40	15.25	14.80	15.00		40	26.80	28.00	28.10	
	50	15.95	15.60	14.80		50	26.20	27.40	27.65	
9	0	16.65	16.20	14.70	3	0	25.60	26.70	27.10	
	10	17.40	17.05	14.60		10	24.90	26.15	26.60	
	20	18.15	17.70	15.10		20	24.25	25.50	26.00	
	30	18.85	18.50	15.90		30	23.63	25.00	25.50	
	40	19.70	19.20	16.55		40	23.13	24.50	24.90	
	50	20.50	19.95	17.10		50	22.70	24.00	24.60	
10	0	21.30	20.70	17.70	4	0	22.13	23.50	24.10	
	10	22.05	21.50	18.30		10	21.63	23.00	23.70	
	20	22.83	22.30	18.90		20	21.12	22.40	23.20	
	30	23.50	23.10	19.55		30	20.60	22.00	22.80	
	40	24.16	23.70	20.25		40	20.13	21.55	22.40	
	50	24.85	24.30	21.05		50	19.67	21.10	22.00	
11	0	25.55	25.05	21.70	5	0	19.20	20.65	21.60	
	10	26.15	25.70	22.30		10	18.76	20.20	21.25	
	20	26.75	26.35	23.10		20	18.35	19.80	20.90	
	30	27.30	26.95	23.85		30	17.95	19.30	20.50	
	40	27.90	27.50	24.40		40	17.53	18.85	20.20	
	50	28.43	28.10	25.10		50	17.13	18.55	19.85	
12	0 Noon	28.83	28.60	25.60	6	0	16.75	18.20	19.45	

Height on Guage above the assumed zero.

TIME.

7.50 A.M.
 { 8.00 " }
 { 8.20 " }
 { 9.10 " }
 { 1.15 P.M. }
 { 1.10 " }
 { 1.35 " }
 { 1.50 " }

Low-water at { Deptford . . .
 London-bridge
 Battersea . . .
 High-water at { Deptford . . .
 London-bridge
 Battersea . . .

ORDNANCE METROPOLITAN SURVEY.

REGISTER OF TIDES IN THE RIVER THAMES.

Date, 5th July, 1849.

TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			General Remarks respecting Wind, Weather, &c.	
H.	M.	Deptford.	London Bridge.	Battersea.	H.	M.	Deptford.	London Bridge.	Battersea.		
		Feet.	Feet.	Feet.			Feet.	Feet.	Feet.		
6	0 A.M.	17.62	19.20	20.60	12	0 Noon	26.68	26.25	23.30		
	10	17.20	18.80	20.20		10 P.M.	27.20	26.80	23.90		
	20	16.82	18.40	19.90		20	27.62	27.40	24.45		
	30	16.45	18.00	19.60		30	28.17	27.90	25.00		
	40	16.08	17.60	19.30		40	28.68	28.40	25.60		
	50	15.71	17.20	18.95		50	29.17	28.90	26.00		
7	0	15.35	16.80	18.65	1	0	29.67	29.40	26.65		
	10	15.00	16.50	18.40		10	30.15	29.90	27.20		
	20	14.67	16.20	18.10		20	30.57	30.45	27.70		
	30	14.40	15.85	17.80		30	30.90	30.80	28.30		
	40	14.13	15.50	17.50		40	31.15	31.15	28.70		
	50	13.85	15.20	17.30		50	31.30	31.40	29.20		
8	0	13.62	14.90	17.10	2	0	31.30	31.60	29.60	Height on Guage above the assumed zero. 13.20 13.80 15.15 31.32 31.60 30.30	
	10	13.41	14.70	16.90		10	31.23	31.60	29.80		
	20	13.25	14.45	16.70		20	30.95	31.60	30.00		
	30	13.20	14.20	16.50		30	30.55	31.25	30.20		
	40	13.25	13.95	16.30		40	30.05	30.85	30.30		
	50	13.65	13.80	16.05		50	29.35	30.40	30.00		
9	0	14.20	13.80	15.85	3	0	28.65	29.80	29.65		TIME. 8.30 A.M. { 8.50 " " } { 9.00 " " } { 9.50 " " } 1.55 P.M. { 2.00 " " } { 2.20 " " } { 2.40 " " }
	10	14.90	14.20	15.70		10	27.90	29.10	29.10		
	20	15.65	15.10	15.55		20	27.15	28.40	28.60		
	30	16.35	16.00	15.35		30	26.47	27.70	28.00		
	40	17.12	16.70	15.25		40	25.77	27.00	27.40		
	50	17.90	17.50	15.15		50	25.13	26.40	26.90		
10	0	18.55	18.25	15.60	4	0	24.43	25.80	26.35		
	10	19.45	19.00	16.45		10	23.87	25.20	25.90		
	20	20.25	19.75	17.10		20	23.35	24.60	25.35		
	30	20.98	20.45	17.65		30	22.83	24.10	24.90		
	40	21.70	21.25	18.30		40	22.27	23.70	24.35		
	50	22.47	22.00	18.85		50	21.73	23.15	23.90		
11	0	23.10	22.55	19.50	5	0	21.20	22.65	23.50	Low-water at { Deptford . . . London-bridge Battersea . . . High-water at { Deptford . . . London-bridge Battersea . . .	
	10	23.80	23.20	20.15		10	20.67	22.20	23.05		
	20	24.35	24.00	20.90		20	20.18	21.70	22.70		
	30	24.90	24.60	21.40		30	19.70	21.25	22.25		
	40	25.47	25.20	22.10		40	19.25	20.80	21.80		
	50	26.07	25.70	22.70		50	18.75	20.30	21.45		
12	0 Noon	26.68	26.25	23.30	6	0	18.30	19.80	21.10		

ORDNANCE METROPOLITAN SURVEY.

REGISTER OF TIDES IN THE RIVER THAMES.

Date, 6th July, 1849.

TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			General Remarks respecting Wind, Weather, &c.
H.	M.	Deptford.	London Bridge.	Battersea.	H.	M.	Deptford.	London Bridge.	Battersea.	
		Feet.	Feet.	Feet.			Feet.	Feet.	Feet.	
6	0 A.M.	19.12	20.80	21.80	12	0 Noon	24.15	23.80	20.70	
	10	18.70	20.20	21.40		10 P.M.	24.75	24.50	21.25	
	20	18.27	19.80	21.05		20	25.40	25.05	21.90	
	30	17.85	19.40	20.70		30	25.99	25.70	22.50	
	40	17.39	18.90	20.30		40	26.48	26.20	23.10	
	50	16.96	18.50	19.90		50	26.98	26.70	23.80	
7	0	16.55	18.10	19.70	1	0	27.47	27.30	24.35	
	10	16.15	17.70	19.35		10	28.05	27.80	24.90	
	20	15.75	17.30	19.00		20	28.55	28.30	25.40	
	30	15.40	16.90	18.70		30	29.12	28.80	26.00	
	40	15.03	16.55	18.45		40	29.57	29.30	26.45	
	50	14.68	16.20	18.15		50	30.00	29.80	27.00	
8	0	14.35	15.90	17.90	2	0	30.38	30.30	27.55	
	10	14.07	15.65	17.60		10	30.72	30.70	28.05	
	20	13.79	15.30	17.35		20	30.90	31.00	28.55	
	30	13.49	15.00	17.10		30	31.00	31.20	29.00	
	40	13.23	14.60	16.80		40	31.00	31.30	29.35	
	50	13.01	14.30	16.60		50	30.90	31.30	29.50	
9	0	12.81	14.00	16.50	3	0	30.55	31.20	29.90	
	10	12.70	13.80	16.20		10	30.05	30.80	30.10	
	20	12.69	13.60	16.05		20	29.43	30.30	29.90	
	30	12.90	13.40	15.85		30	28.75	29.70	29.60	
	40	13.53	13.30	15.70		40	28.05	29.20	29.10	
	50	14.33	13.30	15.50		50	27.27	28.50	28.60	
10	0	15.13	13.80	15.35	4	0	26.50	27.90	28.00	
	10	15.90	15.50	15.20		10	25.85	27.30	27.50	
	20	16.65	16.30	15.00		20	25.23	26.50	26.90	
	30	17.50	17.10	14.88		30	24.58	25.90	26.35	
	40	18.33	17.90	15.20		40	23.97	25.30	25.90	
	50	19.20	18.70	15.90		50	23.40	24.80	25.35	
11	0	19.87	19.40	16.80	5	0	22.85	24.30	24.85	
	10	20.70	20.20	17.35		10	22.30	23.70	24.45	
	20	21.46	21.00	17.95		20	21.76	23.20	23.90	
	30	22.22	21.70	18.50		30	21.23	22.80	23.50	
	40	22.95	22.50	19.30		40	20.70	22.20	23.05	
	50	23.55	23.10	19.90		50	20.20	21.70	22.65	
12	0 Noon	23.15	23.80	20.70	6	0	19.69	21.20	22.20	

Height on Guage above the assumed zero.

12.67
13.30
14.88
31.03
31.30
30.15

TIME.

9.15 A.M.
9.35 " "
9.55 " "
10.30 " "
2.35 P.M.
2.40 " "
2.55 " "
3.15 " "

Low-water at { Deptford . . .
London-bridge
Battersea . . .
High-water at { Deptford . . .
London-bridge
Battersea . . .

440

ORDNANCE METROPOLITAN SURVEY.

REGISTER OF TIDES IN THE RIVER THAMES.

Date, 7th July, 1849.

TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			General Remarks respecting Wind, Weather, &c.
H.	M.	Deptford.	London Bridge.	Battersea.	H.	M.	Deptford.	London Bridge.	Battersea.	
		Feet.	Feet.	Feet.			Feet.	Feet.	Feet.	
6	0 A.M.	20.90	22.30	23.30	12	0 Noon	22.10	21.60	18.45	
	10	20.39	21.90	22.85		10 P.M.	22.80	22.30	19.15	
	20	19.90	21.40	22.40		20	23.50	23.10	19.80	
	30	19.40	20.90	22.00		30	24.13	23.80	20.45	
	40	18.90	20.45	21.60		40	24.75	24.40	21.15	
	50	18.43	20.00	21.20		50	25.32	25.10	21.80	
7	0	18.00	19.60	20.85	1	0	25.93	25.65	22.60	
	10	17.55	19.15	20.50		10	26.48	26.20	23.10	
	20	17.10	18.70	20.15		20	27.00	26.75	23.70	
	30	16.70	18.30	19.75		30	27.50	27.25	24.35	
	40	16.30	17.80	19.45		40	28.03	27.75	24.85	
	50	15.90	17.55	19.15		50	28.53	28.30	25.35	
8	0	15.51	17.15	18.90	2	0	29.05	28.80	26.00	
	10	15.15	16.70	18.60		10	29.55	29.30	26.50	
	20	14.80	16.30	18.30		20	30.10	29.90	27.00	
	30	14.48	16.00	18.00		30	30.53	30.40	27.50	
	40	14.14	15.65	17.70		40	30.95	30.75	28.10	
	50	13.84	15.30	17.50		50	31.10	31.10	28.55	
9	0	13.55	15.10	17.20	3	0	31.25	31.35	29.10	
	10	13.25	14.80	17.00		10 <i>H.M.</i>	31.31	31.50	29.50	
	20	13.02	14.45	16.80		20	31.25	31.60	29.85	
	30	12.82	14.20	16.60		30	30.90	31.50	30.05	
	40	12.64	13.90	16.40		40	30.45	31.20	30.20	
	50 <i>L.M.</i>	12.59	13.65	16.15		50	29.85	30.80	30.20	
10	0	12.64	13.40	15.95	4	0	29.20	30.20	29.90	
	10	13.20	13.25	15.80		10	28.55	29.40	29.65	
	20	14.00	13.40	15.60		20	27.80	28.90	29.05	
	30	14.88	14.00	15.35		30	27.00	28.30	28.45	
	40	15.75	14.80	15.25		40	26.20	27.60	27.90	
	50	16.53	16.10	15.15		50	25.55	26.90	27.30	
11	0	17.30	16.85	15.00	5	0	24.93	26.30	26.80	
	10	18.10	17.60	15.00		10	24.30	25.65	26.30	
	20	18.90	18.40	15.70		20	23.73	25.20	25.70	
	30	19.70	19.20	16.50		30	23.15	24.60	25.30	
	40	20.53	20.00	17.20		40	22.60	24.05	24.70	
	50	21.31	20.80	17.90		50	22.10	23.55	24.30	
12	0 Noon	22.10	21.60	18.45	6	0	21.55	23.05	23.85	

General Remarks respecting Wind, Weather, &c.

Height on Guage above the assumed zero.

TIME.

12.59	13.20	14.95	31.31	31.60	30.25
9.50 A.M.	10.15 "	11.5 "	3.10 P.M.	3.20 "	3.25 "
				3.45 "	
Low-water at { Deptford . . . London-bridge . . . Battersea . . .			High-water at { Deptford . . . London-bridge . . . Battersea . . .		

ORDNANCE METROPOLITAN SURVEY.

REGISTER OF TIDES IN THE RIVER THAMES.

Date, 8th July, 1849.

TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			General Remarks respecting Wind, Weather, &c.
H.	M.	Deptford.	London Bridge.	Battersea.	H.	M.	Deptford.	London Bridge.	Battersea.	
		Feet.	Feet.	Feet.			Feet.	Feet.	Feet.	
6	0 A.M.	22.85	24.30	24.95	12	0 Noon	19.80	19.30	16.40	
	10	22.30	23.75	24.45		10 P.M.	20.69	20.10	17.20	
	20	21.78	23.20	24.00		20	21.53	20.90	17.80	
	30	21.25	22.65	23.55		30	22.33	21.80	18.45	
	40	20.75	22.15	23.15		40	23.10	22.60	19.20	
	50	20.25	21.60	22.70		50	23.77	23.20	19.85	
7	0	19.75	21.15	22.30	1	0	24.44	23.90	20.65	
	10	19.25	20.75	21.85		10	25.05	24.60	21.30	
	20	18.80	20.30	21.50		20	25.58	25.30	21.90	
	30	18.35	19.85	21.10		30	26.12	25.85	22.70	
	40	17.90	19.40	20.70		40	26.69	26.40	23.30	
	50	17.45	19.00	20.40		50	27.22	26.95	23.90	
8	0	17.02	18.55	20.00	2	0	27.70	27.45	24.50	Height on Guage above the assumed zero.
	10	16.60	18.15	19.65		10	28.13	27.95	25.00	
	20	16.20	17.80	19.35		20	28.72	28.45	25.60	
	30	15.80	17.40	19.05		30	29.22	29.00	26.10	
	40	15.42	17.00	18.75		40	29.72	29.50	26.70	
	50	15.10	16.60	18.50		50	30.22	30.05	27.30	
9	0	14.75	16.20	18.10	3	0	30.68	30.55	27.70	
	10	14.42	16.00	17.90		10	30.93	31.00	28.25	
	20	14.10	15.60	17.65		20	31.32	31.40	28.70	
	30	13.85	15.20	17.40		30	31.50	31.65	29.25	
	40	13.55	14.90	17.15		40	31.61	31.80	29.70	
	50	13.30	14.60	16.90		50	31.60	31.85	30.00	
10	0	13.08	14.30	16.65	4	0	31.40	31.80	30.30	TIME. 10.30 A.M. } 10.40 " } 10.50 " } 11.40 " } 3.45 P.M. } 3.45 " } 3.55 " } 4.20 " }
	10	12.85	14.00	16.50		10	31.00	31.60	30.45	
	20	12.70	13.80	16.30		20	30.50	31.30	30.55	
	30	12.68	13.50	16.10		30	29.95	30.80	30.35	
	40	13.00	13.30	15.90		40	29.12	30.20	30.05	
	50	13.80	13.30	15.70		50	28.30	29.60	29.60	
11	0	14.67	13.90	15.50	5	0	27.53	28.80	29.00	
	10	15.60	14.90	15.35		10	26.85	28.20	28.35	
	20	16.38	15.90	15.25		20	26.20	27.30	27.75	
	30	17.22	16.80	15.10		30	25.54	26.80	27.25	
	40	18.10	17.70	14.95		40	24.90	26.20	26.70	
	50	18.94	18.50	15.70		50	24.30	25.70	26.20	
12	0 Noon	19.80	19.30	16.40	6	0	23.70	25.05	25.65	Low-water at Deptford . . . London-bridge . . . Battersea . . .
										High-water at Deptford . . . London-bridge . . . Battersea . . .

442

ORDNANCE METROPOLITAN SURVEY.

REGISTER OF TIDES IN THE RIVER THAMES.

Date, 9th July, 1849.

TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			General Remarks respecting Wind, Weather, &c.
H.	M.	Deptford.	London Bridge.	Battersea.	H.	M.	Deptford.	London Bridge.	Battersea.	
		Feet.	Feet.	Feet.			Feet.	Feet.	Feet.	
6	0 A.M.	25.27	26.50	27.10	12	0 Noon	18.00	17.60	15.40	
	10	24.65	25.95	26.55		10 P.M.	18.88	18.40	15.50	
	20	24.05	25.35	26.00		20	19.70	19.30	16.40	
	30	23.45	24.80	25.50		30	20.60	20.10	17.20	
	40	22.90	24.20	25.05		40	21.50	21.00	17.90	
	50	22.37	23.65	24.55		50	22.30	22.10	18.50	
7	0	21.85	23.25	24.10	1	0	23.10	22.60	19.15	
	10	21.35	22.80	23.70		10	23.80	23.30	19.90	
	20	20.85	22.30	23.20		20	24.50	24.00	20.65	
	30	20.33	21.80	22.80		30	25.13	24.70	21.35	
	40	19.84	21.30	22.40		40	25.73	25.40	22.10	
	50	19.40	20.80	21.95		50	26.28	26.00	22.70	
8	0	18.93	20.40	21.65	2	0	26.80	26.40	23.30	
	10	18.48	20.00	21.25		10	27.28	27.00	24.00	
	20	18.03	19.55	20.85		20	27.72	27.50	24.55	
	30	17.63	19.10	20.50		30	28.08	28.00	25.15	
	40	17.20	18.70	20.15		40	28.48	28.30	25.65	
	50	16.82	18.30	19.75		50	28.88	28.80	26.20	
9	0	16.44	17.90	19.50	3	0	29.30	29.20	26.70	
	10	16.07	17.50	19.15		10	29.72	29.60	27.05	
	20	15.69	17.20	18.85		20	30.12	30.00	27.55	
	30	15.33	16.80	18.60		30	30.54	30.40	28.00	
	40	14.99	16.40	18.30		40	30.93	30.80	28.35	
	50	14.70	16.10	18.05		50	31.25	31.40	28.90	
10	0	14.41	15.80	17.75	4	0	31.44	31.80	29.30	
	10	14.11	15.40	17.55		10	31.55	31.80	29.70	
	20	13.83	15.20	17.30		20	31.45	31.80	30.05	
	30	13.57	14.80	17.00		30	31.33	31.80	30.30	
	40	13.45	14.60	16.80		40	31.05	31.60	30.45	
	50	13.32	14.30	16.60		50	30.45	31.20	30.55	
11	0	13.37	14.10	16.40	5	0	29.85	30.80	30.35	
	10	13.80	13.80	16.20		10	29.22	30.10	30.05	
	20	14.60	13.90	16.00		20	28.55	29.50	29.65	
	30	15.55	14.50	15.80		30	27.75	29.00	29.05	
	40	16.33	15.70	15.65		40	27.10	28.30	28.50	
	50	17.12	16.70	15.50		50	26.40	27.70	28.00	
12	0 Noon	18.00	17.60	15.40	6	0	25.70	27.00	27.45	

General Remarks respecting Wind, Weather, &c.

Height on Guage above the assumed zero.

TIME.

13.28
13.80
15.30
31.55
31.80
30.55

10.55 A.M.
11.10 " "
11.15 " "
0.5 P.M.
4.10 " "
4.00 " "
4.30 " "
4.50 " "

Deptford
Low-water at { Deptford London-bridge
Battersea
High-water at { Deptford London-bridge
Battersea

ORDNANCE METROPOLITAN SURVEY.

REGISTER OF TIDES IN THE RIVER THAMES.

Date, 10th July, 1849.

TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			General Remarks respecting Wind, Weather, &c.
H.	M.	Deptford.	London Bridge.	Battersea.	H.	M.	Deptford.	London Bridge.	Battersea.	
		Feet.	Feet.	Feet.			Feet.	Feet.	Feet.	
6	0 A.M.	27.45	28.80	28.90	12	0 Noon	14.30	13.60	15.80	
	10	26.85	28.10	28.30		10 P.M.	15.18	14.20	15.65	
	20	26.25	27.40	27.70		20	16.10	15.50	15.50	
	30	25.50	26.80	27.10		30	16.88	16.45	15.30	
	40	24.85	26.10	26.60		40	17.70	17.25	15.20	
	50	24.25	25.50	26.10		50	18.50	18.10	15.25	
7	0	23.65	24.90	25.60	1	0	19.40	18.90	16.10	
	10	23.07	24.40	25.10		10	20.25	19.65	16.90	
	20	22.52	23.85	24.70		20	21.03	20.60	17.55	
	30	22.00	23.35	24.10		30	21.80	21.35	18.20	
	40	21.50	22.85	23.70		40	22.60	22.05	18.80	
	50	20.95	22.40	23.30		50	23.28	23.40	19.50	
8	0	20.45	21.85	22.85	2	0	23.90	23.60	20.20	
	10	19.95	21.40	22.50		10	24.55	24.40	20.85	
	20	19.45	21.00	22.00		20	25.13	25.00	21.55	
	30	19.00	20.55	21.70		30	25.70	25.40	22.20	
	40	18.55	20.05	21.30		40	26.21	25.90	22.85	
	50	18.10	19.60	20.90		50	26.67	26.40	23.45	
9	0	17.70	19.15	20.50	3	0	27.10	26.85	23.95	
	10	17.25	18.80	20.20		10	27.55	27.30	24.55	
	20	16.85	18.30	19.80		20	27.97	27.80	25.00	
	30	16.45	18.00	19.50		30	28.38	28.30	25.45	
	40	16.05	17.50	19.20		40	28.77	28.70	26.05	
	50	15.70	17.20	18.90		50	29.20	29.10	26.45	
10	0	15.33	16.80	18.65	4	0	29.65	29.60	26.90	
	10	14.95	16.40	18.30		10	30.10	30.00	27.50	
	20	14.62	16.10	18.00		20	30.49	30.40	27.95	
	30	14.31	15.80	17.75		30	30.76	30.75	28.30	
	40	14.03	15.40	17.55		40	30.96	31.00	28.70	
	50	13.78	15.20	17.30		50	31.06	31.20	29.20	
11	0	13.52	14.80	17.05	5	0	31.05	31.30	29.70	
	10	13.33	14.60	16.80		10	30.80	31.30	29.80	
	20	13.10	14.20	16.60		20	30.40	31.25	30.00	
	30	13.00	14.00	16.40		30	29.90	31.00	30.20	
	40	13.10	13.80	16.20		40	29.40	30.55	30.00	
	50	13.45	13.60	16.00		50	28.90	30.00	29.70	
12	0 Noon	14.30	13.60	15.80	6	0	28.40	29.40	29.30	

Height on Gauge above the assumed zero.

13.00
13.60
15.15
31.08
31.30
30.20

TIME.

11.30 A.M.
11.50 " "
12.00 " "
0.45 P.M.
4.55 " "
4.55 " "
5.15 " "
5.30 " "

Deptford . . .
London-bridge . . .
Battersea . . .
Deptford . . .
London-bridge . . .
Battersea . . .

Low-water at { Deptford . . .
London-bridge . . .
Battersea . . .

High-water at { Deptford . . .
London-bridge . . .
Battersea . . .

444

ORDNANCE METROPOLITAN SURVEY.

REGISTER OF TIDES IN THE RIVER THAMES.

Date, 11th July, 1849.

TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			General Remarks respecting Wind, Weather, &c.
H.	M.	Deptford.	London Bridge.	Battersea.	H.	M.	Deptford.	London Bridge.	Battersea.	
		Feet.	Feet.	Feet.			Feet.	Feet.	Feet.	
6	0 A.M.	30.05	30.60	29.65	12	0 Noon	13.22	14.30	16.50	
	10	29.52	30.20	29.65		10 P.M.	13.22	14.00	16.30	
	20	28.87	29.75	29.45		20	13.40	13.80	16.10	
	30	28.15	29.10	29.00		30	14.00	13.70	15.90	
	40	27.45	28.40	28.60		40	14.75	14.00	15.70	
	50	26.75	27.65	28.00		50	15.50	14.90	15.55	
7	0	26.05	27.20	27.40	1	0	16.30	16.00	15.35	
	10	25.35	26.50	26.90		10	17.13	16.80	15.20	
	20	24.65	25.90	26.30		20	17.88	17.60	15.10	
	30	24.03	25.30	25.90		30	18.68	18.40	15.40	
	40	23.44	24.80	25.30		40	19.50	19.20	16.35	
	50	22.95	24.20	24.90		50	20.27	19.90	17.00	
8	0	22.45	23.60	24.40	2	0	21.10	20.70	17.70	
	10	21.92	23.10	23.90		10	21.85	21.50	18.30	
	20	21.34	22.50	23.50		20	22.60	22.30	18.95	
	30	20.85	22.20	23.05		30	23.25	22.80	19.60	
	40	20.35	21.60	22.65		40	23.87	23.60	20.30	
	50	19.87	21.20	22.25		50	24.50	24.20	20.90	
9	0	19.40	20.80	21.80	3	0	25.05	24.80	21.65	
	10	18.93	20.30	21.40		10	25.65	25.30	22.20	
	20	18.48	19.80	21.00		20	26.20	25.90	22.80	
	30	18.00	19.50	20.65		30	26.60	26.40	23.30	
	40	17.60	19.00	20.35		40	26.97	26.80	23.95	
	50	17.20	18.70	20.05		50	27.33	27.20	24.45	
10	0	16.80	18.10	19.70	4	0	27.73	27.65	25.00	
	10	16.40	17.80	19.40		10	28.25	28.05	25.50	
	20	16.01	17.45	19.05		20	28.65	28.50	25.80	
	30	15.65	17.10	18.75		30	29.04	28.90	26.30	
	40	15.33	16.70	18.50		40	29.48	29.35	26.70	
	50	14.98	16.30	18.20		50	29.87	29.80	27.15	
11	0	14.64	16.00	17.95	5	0	30.20	30.20	27.70	
	10	14.35	15.60	17.70		10	30.52	30.50	28.10	
	20	14.09	15.30	17.40		20	30.70	30.70	28.50	
	30	13.83	15.00	17.10		30	30.80	30.90	28.90	
	40	13.60	14.80	16.90		40	30.73	31.00	29.30	
	50	13.42	14.50	16.70		50	30.53	31.00	29.70	
12	0 Noon	13.22	14.30	16.50	6	0	30.25	31.00	29.80	

Height on Guage above the assumed zero.

13.20
13.70
15.10
30.80
31.00
29.70

TIME.

0.5 P.M.
{ 0.25 " "
0.35 " "
1.20 " "
5.30 P.M.
{ 5.35 " "
6.00 " "
6.5 A.M.

Deptford . . .
London-bridge
Battersea . . .
Deptford . . .
London-bridge
Battersea . . .
Low-water at
High-water at

ORDNANCE METROPOLITAN SURVEY.

REGISTER OF TIDES IN THE RIVER THAMES.

Date, 12th July, 1849.

TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			General Remarks respecting Wind, Weather, &c.
H.	M.	Deptford.	London Bridge.	Battersea.	H.	M.	Deptford.	London Bridge.	Battersea.	
		Feet.	Feet.	Feet.			Feet.	Feet.	Feet.	
6	0 A.M.	30.25	30.40	28.05	12	0 Noon	14.30	15.50	17.40	
	10 <i>L.W.</i>	30.33	30.50	28.40		10 P.M.	14.05	15.20	17.20	
	20	30.25	30.60	28.80		20	13.83	14.90	16.95	
	30	30.00	30.50	29.00		30	13.63	14.60	16.70	
	40	29.67	30.25	29.20		40 <i>L.W.</i>	13.50	14.40	16.50	
	50	29.13	29.90	29.25		50	13.52	14.20	16.30	
7	0	28.55	29.40	29.10	1	0	13.70	14.00	16.05	
	10	27.90	28.90	28.75		10	14.27	14.00	15.90	
	20	27.30	28.25	28.30		20	15.02	14.35	15.70	
	30	26.65	27.70	27.80		30	15.80	15.05	15.55	
	40	25.90	27.05	27.20		40	16.55	16.10	15.30	
	50	25.22	26.55	26.70		50	17.25	17.00	15.20	
8	0	24.58	25.80	26.15	2	0	18.05	17.70	15.10	
	10	24.02	25.25	25.70		10	18.83	18.50	15.70	
	20	23.53	24.60	25.20		20	19.55	19.20	16.55	
	30	23.02	24.10	24.80		30	20.35	20.00	17.20	
	40	22.46	23.60	24.30		40	21.12	20.70	17.80	
	50	21.95	23.20	23.85		50	21.80	21.80	18.35	
9	0	21.45	22.70	23.40	3	0	22.38	23.30	19.10	
	10	20.90	22.20	22.95		10	22.90	22.80	19.70	
	20	20.45	21.70	22.40		20	23.55	23.50	20.25	
	30	20.00	21.20	22.15		30	24.15	24.20	21.00	
	40	19.50	20.80	21.80		40	24.75	24.80	21.65	
	50	19.07	20.40	21.40		50	25.27	25.30	22.20	
10	0	18.65	20.00	21.05	4	0	25.75	25.80	22.80	
	10	18.20	19.55	20.65		10	26.40	26.30	23.40	
	20	17.80	19.10	20.30		20	26.82	26.80	23.95	
	30	17.40	18.70	20.00		30	27.17	27.10	24.35	
	40	17.01	18.30	19.70		40	27.55	27.30	24.90	
	50	16.62	17.90	19.30		50	27.90	27.60	25.30	
11	0	16.22	17.50	19.00	5	0	28.28	28.20	25.70	
	10	15.87	17.15	18.70		10	28.62	28.60	26.15	
	20	15.52	16.80	18.45		20	28.95	29.00	26.55	
	30	15.19	16.40	18.20		30	29.27	29.30	26.95	
	40	14.88	16.10	17.85		40	29.60	29.60	27.35	
	50	14.60	15.80	17.70		50	29.91	30.00	27.75	
12	0 Noon	14.30	15.50	17.40	6	0	30.08	30.30	28.10	

General Remarks respecting Wind, Weather, &c.

Height on Guage above the assumed zero.

TIME.

0.45 P.M. }
 { 1.00 " }
 { 1.10 " }
 2.00 " }
 6.10 A.M. }
 { 6.20 " }
 { 6.25 " }
 { 6.50 " }

Low-water at { Deptford . . .
 London-bridge . . .
 Battersea . . .
 High-water at { Deptford . . .
 London-bridge . . .
 Battersea . . .

446

ORDNANCE METROPOLITAN SURVEY.

REGISTER OF TIDES IN THE RIVER THAMES.

Date, 13th July, 1849.

TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			General Remarks respecting Wind, Weather, &c.
H.	M.	Deptford.	London Bridge.	Battersea.	H.	M.	Deptford.	London Bridge.	Battersea.	
		Feet.	Feet.	Feet.			Feet.	Feet.	Feet.	
6	0 A.M.	28.64	28.40	25.50	12	0 Noon	16.00	17.25	18.80	
	10	29.15	28.80	26.05		10 P.M.	15.70	16.90	18.60	
	20	29.50	29.20	26.55		20	15.35	16.60	18.25	
	30	29.82	29.60	27.05		30	15.05	16.25	17.95	
	40	30.01	30.00	27.65		40	14.75	16.00	17.70	
	50	30.15	30.30	28.05		50	14.50	16.65	17.40	
7	0 <i>H.F.T.</i>	30.22	30.40	28.35	1	0	14.30	15.35	17.20	
	10	30.13	30.40	28.75		10	14.10	15.10	16.95	
	20	29.92	30.40	28.90		20 <i>L.W.</i>	13.99	14.80	16.70	
	30	29.60	30.20	29.05		30	14.00	14.60	16.50	
	40	29.10	29.90	29.15		40	14.25	14.50	16.30	
	50	28.60	29.40	28.95		50	14.72	14.50	16.10	
8	0	28.00	28.80	28.70	2	0	15.25	14.90	15.90	
	10	27.40	28.20	28.30		10	16.05	15.70	15.70	
	20	26.80	27.60	27.75		20	16.68	16.50	15.60	
	30	26.00	27.00	27.30		30	17.40	17.20	15.40	
	40	25.34	26.60	26.80		40	18.10	17.90	15.40	
	50	24.75	25.90	26.25		50	18.77	18.60	15.90	
9	0	24.20	25.30	25.70	3	0	19.47	19.25	16.70	
	10	23.60	24.80	25.30		10	20.25	20.00	17.35	
	20	23.00	24.15	24.80		20	20.97	20.60	17.90	
	30	22.47	23.75	24.30		30	21.70	21.30	18.40	
	40	22.00	23.25	23.90		40	22.35	22.10	19.05	
	50	21.55	22.80	23.50		50	23.03	22.80	19.55	
10	0	21.05	22.30	23.05	4	0	23.67	23.30	20.20	
	10	20.53	21.80	22.65		10	24.19	23.90	20.90	
	20	20.00	21.30	22.20		20	24.71	24.60	21.45	
	30	19.53	21.00	21.85		30	25.18	25.05	22.00	
	40	19.22	20.50	21.50		40	25.60	25.55	22.55	
	50	18.75	20.00	21.10		50	26.08	26.00	23.05	
11	0	18.35	19.60	20.75	5	0	26.50	26.50	23.65	
	10	17.95	19.20	20.35		10	26.87	26.80	24.10	
	20	17.55	18.80	20.00		20	27.20	27.20	24.60	
	30	17.10	18.40	19.70		30	27.52	27.60	25.00	
	40	16.70	18.05	19.40		40	27.80	27.95	25.40	
	50	16.37	17.70	19.10		50	28.15	28.25	25.80	
12	0 Noon	16.00	17.25	18.80	6	0	28.52	28.60	26.10	

Height on Guage above the assumed zero.

- 13.97
- 14.50
- 15.30
- 30.22
- 30.40
- 29.15

TIME.

- 1.25 P.M.
- { 1.35 " "
- { 1.50 " "
- { 2.35 " "
- 7.00 A.M.
- { 6.55 " "
- { 7.20 " "
- { 7.40 " "

- Low-water at { Deptford . . .
- { London-bridge
- { Battersea . . .
- High-water at { Deptford . . .
- { London-bridge
- { Battersea . . .

ORDNANCE METROPOLITAN SURVEY.

REGISTER OF TIDES IN THE RIVER THAMES.

Date, 14th July, 1849.

TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			General Remarks respecting Wind, Weather, &c.
H.	M.	Deptford.	London Bridge.	Battersea.	H.	M.	Deptford.	London Bridge.	Battersea.	
		Feet.	Feet.	Feet.			Feet.	Feet.	Feet.	
6	0 A.M.	25.55	24.85	22.50	12	0 Noon	18.20	19.50	20.55	
	10	26.05	25.50	23.00		10 P.M.	17.80	19.10	20.20	
	20	26.57	26.20	23.50		20	17.40	18.70	19.85	
	30	27.09	26.80	24.00		30	17.00	18.30	19.55	
	40	27.60	27.30	24.50		40	16.60	17.90	19.25	
	50	28.10	27.80	25.00		50	16.26	17.50	18.90	
7	0	28.53	28.30	25.60	1	0	15.93	17.20	18.65	
	10	28.95	28.80	26.10		10	15.60	16.80	18.35	
	20	29.30	29.15	26.60		20	15.29	16.50	18.05	
	30	29.55	29.45	27.00		30	15.00	16.20	17.80	
	40	29.73	29.75	27.50		40	14.73	15.90	17.60	
	50	29.83	30.00	27.90		50	14.50	15.60	17.30	
8	0	29.82	30.10	28.25	2	0	14.30	15.30	17.10	
	10	29.72	30.10	28.55		10	14.10	15.05	16.85	
	20	29.56	30.10	28.75		20	14.05	14.80	16.65	
	30	29.20	29.90	28.95		30	14.10	14.60	16.45	
	40	28.80	29.55	28.70		40	14.30	14.45	16.20	
	50	28.25	29.10	28.60		50	14.90	14.50	16.00	
9	0	27.70	28.60	28.40	3	0	15.50	14.90	15.80	
	10	27.10	28.10	27.95		10	16.20	15.55	15.65	
	20	26.35	27.60	27.50		20	16.80	16.40	15.50	
	30	25.73	27.00	26.90		30	17.50	17.05	15.30	
	40	25.15	26.30	26.50		40	18.15	17.80	15.35	
	50	24.53	25.70	26.10		50	18.85	18.55	15.95	
10	0	23.92	25.15	25.55	4	0	19.55	19.20	16.70	
	10	23.40	24.60	25.05		10	20.25	19.85	17.40	
	20	22.85	24.10	24.60		20	20.97	20.60	17.95	
	30	22.33	23.65	24.10		30	21.72	21.20	18.45	
	40	21.83	23.15	23.70		40	22.44	21.95	19.00	
	50	21.34	22.65	23.25		50	23.05	22.60	19.55	
11	0	20.87	22.15	22.85	5	0	23.55	23.25	20.15	
	10	20.40	21.60	22.40		10	24.07	23.90	20.80	
	20	19.81	21.20	22.05		20	24.67	24.45	21.50	
	30	19.44	20.70	21.65		30	25.20	24.95	22.00	
	40	19.05	20.30	21.25		40	25.67	25.50	22.50	
	50	18.60	19.90	20.90		50	26.10	26.00	22.80	
12	0 Noon	18.20	19.50	20.55	6	0	26.50	26.40	23.55	

Height on Guage above the assumed zero.

14.03
14.45
15.25
29.85
30.10
28.95

TIME.

2.25 P.M.
2.40 " "
2.45 " "
3.35 " "
7.55 A.M.
8.00 " "
8.20 " "
8.30 " "

Deptford . . .
London-bridge . . .
Battersea . . .
Deptford . . .
London-bridge . . .
Battersea . . .

Low-water at
High-water at

ORDNANCE METROPOLITAN SURVEY.

REGISTER OF TIDES IN THE RIVER THAMES.

Date, 15th July, 1849.

TIME.		Height of Tide on the Guage above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			General Remarks respecting Wind, Weather, &c.
H.	M.	Deptford.	London Bridge.	Battersea.	H.	M.	Deptford.	London Bridge.	Battersea.	
		Feet.	Feet.	Feet.			Feet.	Feet.	Feet.	
6	0 A.M.	22.01	22.15	19.05	12	0 Noon	21.30	22.50	23.20	
	10	22.53	22.60	19.70		10 P.M.	20.85	22.00	22.70	
	20	23.25	23.10	20.20		20	20.40	21.60	22.30	
	30	23.87	23.55	20.70		30	20.00	21.20	21.90	
	40	24.40	24.10	21.20		40	19.60	20.80	21.60	
	50	25.00	24.70	21.75		50	19.13	20.30	21.20	
7	0	25.50	25.20	22.30	1	0	18.70	19.90	20.85	
	10	26.04	25.75	22.95		10	18.30	19.50	20.60	
	20	26.55	26.25	23.35		20	17.90	19.20	20.10	
	30	27.05	26.75	23.90		30	17.53	18.70	19.85	
	40	27.50	27.25	24.35		40	17.17	18.35	19.60	
	50	28.00	27.75	24.90		50	16.83	18.00	19.20	
8	0	28.50	28.20	25.40	2	0	16.47	17.60	18.85	
	10	28.90	28.65	25.95		10	16.15	17.30	18.60	
	20	29.27	29.10	26.35		20	15.85	17.00	18.30	
	30	29.51	29.45	26.95		30	15.55	16.60	18.05	
	40	29.70	29.75	27.40		40	15.28	16.20	17.80	
	50	29.80	29.95	27.80		50	15.02	16.00	17.55	
9	0 <i>11 AM</i>	29.92	30.15	28.10	3	0	14.79	15.85	17.30	
	10	29.92	30.25	28.40		10	14.60	15.50	17.05	
	20	29.80	30.25	28.70		20	14.47	15.30	16.80	
	30	29.55	30.10	28.80		30 <i>1 PM</i>	14.38	15.10	16.65	
	40	29.15	29.90	28.95		40	14.40	14.90	16.40	
	50	28.65	29.50	28.85		50	14.60	14.80	16.20	
10	0	28.07	29.05	28.70	4	0	14.93	14.80	16.00	
	10	27.47	28.45	28.30		10	15.3	15.15	15.80	
	20	26.85	28.05	27.80		20	15.0	15.65	15.65	
	30	26.26	27.45	27.30		30	15.0	16.20	15.50	
	40	25.65	26.85	26.90		40	15.20	16.80	15.30	
	50	25.00	26.20	26.40		50	15.87	17.50	15.30	
11	0	24.40	25.55	25.85	5	0	18.53	18.25	15.70	
	10	23.80	25.05	25.40		10	19.18	18.80	16.50	
	20	23.25	24.50	24.90		20	19.90	19.50	17.10	
	30	22.80	24.00	24.50		30	20.57	20.20	17.60	
	40	22.30	23.55	24.00		40	21.23	20.90	18.15	
	50	21.80	23.05	23.65		50	21.90	21.50	18.70	
12	0 Noon	21.30	22.50	23.20	6	0	22.55	22.10	19.30	

Height on Guage above the assumed zero.		14.36	14.80	15.25	29.96	30.25	28.95
TIME.		3.35 P.M.	3.45 " "	4.00 " "	4.45 " "	9.5 A.M.	9.5 " "
						9.20 " "	9.40 " "
Low-water at		Deptford	London-bridge	Battersea	Deptford	London-bridge	Battersea
High-water at							

ORDNANCE METROPOLITAN SURVEY.

REGISTER OF TIDES IN THE RIVER THAMES.

Date, 16th July, 1849.

TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			General Remarks respecting Wind, Weather, &c.
H.	M.	Deptford.	London Bridge.	Battersea.	H.	M.	Deptford.	London Bridge.	Battersea.	
		Feet.	Feet.	Feet.			Feet.	Feet.	Feet.	
6	0 A.M.	17.75	17.50	15.20	12	0 Noon	25.23	26.40	26.70	
	10	18.30	18.00	15.80		10 P.M.	24.65	25.80	26.20	
	20	18.90	18.65	16.40		20	24.10	25.30	25.70	
	30	19.50	19.20	16.90		30	23.57	24.80	25.20	
	40	20.10	19.80	17.30		40	23.02	24.20	24.70	
	50	20.72	20.30	17.80		50	22.49	23.80	24.30	
7	0	21.37	20.95	18.30	1	0	22.00	23.40	23.85	
	10	22.03	21.65	18.90		10	21.50	23.00	23.40	
	20	22.60	22.30	19.40		20	21.00	22.40	22.95	
	30	23.15	22.80	19.90		30	20.53	21.85	22.60	
	40	23.70	23.40	20.50		40	20.08	21.35	22.20	
	50	24.30	23.95	21.10		50	19.64	20.90	21.75	
8	0	24.87	24.50	21.60	2	0	19.20	20.50	21.40	
	10	25.43	25.05	22.10		10	18.75	20.10	21.05	
	20	25.97	25.60	22.70		20	18.33	19.65	20.65	
	30	26.47	26.20	23.30		30	17.93	19.20	20.40	
	40	27.00	26.75	23.70		40	17.55	18.80	20.05	
	50	27.53	27.25	24.30		50	17.15	18.45	19.65	
9	0	28.06	27.75	24.80	3	0	16.75	18.20	19.35	
	10	28.50	28.30	25.30		10	16.40	17.70	19.05	
	20	28.93	28.80	26.00		20	16.05	17.35	18.70	
	30	29.35	29.20	26.40		30	15.71	17.00	18.50	
	40	29.70	29.60	27.00		40	15.40	16.70	18.20	
	50	29.95	29.90	27.50		50	15.10	16.30	17.90	
10	0	30.10	30.20	27.90	4	0	14.80	16.00	17.70	
	10	30.22	30.40	28.30		10	14.53	15.60	17.40	
	20 <i>T.M.</i>	30.23	30.60	28.60		20	14.29	15.40	17.20	
	30	30.12	30.60	28.90		30	14.07	15.00	17.00	
	40	29.90	30.40	29.10		40	13.90	14.80	16.70	
	50	29.46	30.20	29.30		50	13.75	14.60	16.50	
11	0	29.03	30.00	29.20	5	0 <i>T.M.</i>	13.65	14.40	16.30	
	10	28.45	29.30	28.95		10	13.80	14.30	16.00	
	20	27.80	28.80	28.65		20	14.10	14.20	15.90	
	30	27.20	28.30	28.25		30	14.60	14.20	15.70	
	40	26.57	27.60	27.70		40	15.22	14.70	15.55	
	50	25.87	27.00	27.10		50	15.85	15.40	15.35	
12	0 Noon	25.23	26.40	26.70	6	0	16.53	16.30	15.20	

Height on Guage above the assumed zero.

13.65
14.20
15.00
30.27
30.60
29.30

TIME.

5.00 P.M.
5.20 " "
5.30 " "
6.15 " "
10.15 A.M.
10.20 " "
10.30 " "
10.50 " "

Low-water at { Deptford . . .
London-bridge
Battersea . . .
High-water at { Deptford . . .
London-bridge
Battersea . . .

450

ORDNANCE METROPOLITAN SURVEY.

REGISTER OF TIDES IN THE RIVER THAMES.

Date, 17th July, 1849.

TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			General Remarks respecting Wind, Weather, &c.
H.	M.	Deptford.	London Bridge.	Battersea.	H.	M.	Deptford.	London Bridge.	Battersea.	
		Feet.	Feet.	Feet.			Feet.	Feet.	Feet.	
6	0 A.M.	12.90	13.30	15.40	12	0 Noon	29.55	30.30	29.25	
	10	13.10	13.20	15.25		10 P.M.	29.00	29.90	29.15	
	20	13.63	13.20	15.08		20	28.35	29.30	28.95	
	30	14.20	13.70	14.92		30	27.65	28.80	28.60	
	40	14.80	14.30	14.80		40	26.97	28.00	28.10	
	50	15.40	14.90	14.75		50	26.30	27.45	27.55	
7	0	16.00	15.70	14.50	1	0	25.65	26.80	27.00	
	10	16.65	16.30	14.45		10	24.99	26.30	26.50	
	20	17.33	17.00	14.65		20	24.39	25.70	26.00	
	30	18.00	17.70	15.30		30	23.82	25.20	25.50	
	40	18.70	18.30	15.90		40	23.26	24.50	25.00	
	50	19.40	19.00	16.50		50	22.72	24.00	24.55	
8	0	20.07	19.70	17.00	2	0	22.20	23.55	24.00	
	10	20.75	20.30	17.50		10	21.65	23.00	23.65	
	20	21.45	20.90	18.00		20	21.15	22.55	23.20	
	30	22.12	21.70	18.55		30	20.70	22.05	22.70	
	40	22.76	22.20	19.20		40	20.20	21.50	22.35	
	50	23.32	22.90	19.80		50	19.70	21.10	21.90	
9	0	23.95	23.50	20.40	3	0	19.25	20.70	21.50	
	10	24.57	24.10	21.00		10	18.78	20.10	21.20	
	20	25.18	24.70	21.60		20	18.35	19.60	20.80	
	30	25.80	25.40	22.15		30	17.95	19.25	20.50	
	40	26.40	26.00	22.70		40	17.52	18.95	20.10	
	50	26.94	26.45	23.30		50	17.10	18.55	19.80	
10	0	27.47	27.10	23.90	4	0	16.73	18.15	19.40	
	10	28.07	27.65	24.50		10	16.35	17.80	19.10	
	20	28.60	28.20	25.10		20	15.98	17.40	18.85	
	30	29.10	28.70	25.60		30	15.60	16.95	18.55	
	40	29.55	29.30	26.20		40	15.27	16.60	18.25	
	50	29.90	29.70	26.80		50	14.95	16.20	18.00	
11	0	30.12	30.00	27.35	5	0	14.65	15.90	17.70	
	10	30.27	30.40	27.80		10	14.35	15.65	17.40	
	20	30.40	30.50	28.20		20	14.05	15.35	17.15	
	30	30.42	30.65	28.60		30	13.75	15.00	16.90	
	40	30.30	30.70	28.95		40	13.53	14.70	16.70	
	50	29.95	30.50	29.15		50	13.32	14.45	16.50	
12	0 Noon	29.55	30.30	29.25	6	0	13.15	14.10	16.25	

Height on Guage above the assumed zero.

TIME.

12.90
13.20
14.45
30.45
30.70
29.25

6.00 A.M.
{ 6.5 " "
6.20 " "
7.10 " "
11.25 " "
{ 11.35 " "
11.40 " "
Noon

Deptford . . .
London-bridge
Battersea . . .
Deptford . . .
London-bridge
Battersea . . .
Low-water at
High-water at

ORDNANCE METROPOLITAN SURVEY.

REGISTER OF TIDES IN THE RIVER THAMES.

Date, 18th July, 1849.

TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			General Remarks respecting Wind, Weather, &c.
H.	M.	Deptford.	London Bridge.	Battersea.	H.	M.	Deptford.	London Bridge.	Battersea.	
		Feet.	Feet.	Feet.			Feet.	Feet.	Feet.	
6	0 A.M.	13.93	15.15	17.10	12	0 Noon	31.30	31.20	28.40	
	10	13.70	14.85	16.90		10 P.M.	31.47	31.50	29.00	
	20	13.45	14.55	16.60		20 <i>H.W.</i>	31.57	31.80	29.40	
	30	13.21	14.30	16.40		30	31.55	31.80	29.80	
	40	13.05	14.00	16.20		40	31.33	31.80	30.00	
	50	12.94	13.80	16.00		50	30.90	31.60	30.35	
7	0 <i>L.M.</i>	12.93	13.60	15.80	1	0	30.45	31.20	30.45	
	10	13.05	13.45	15.65		10	29.83	30.80	30.30	
	20	13.45	13.35	15.50		20	29.13	30.10	30.10	
	30	14.10	13.40	15.30		30	28.30	29.45	29.90	
	40	14.85	14.10	15.15		40	27.60	28.75	29.40	
	50	15.55	15.00	15.00		50	26.90	28.10	28.40	
8	0	16.25	15.80	14.80	2	0	26.22	27.60	27.80	
	10	16.95	16.55	14.70		10	25.60	27.00	27.20	
	20	17.71	17.25	14.80		20	25.00	26.20	26.70	
	30	18.43	18.00	15.40		30	24.40	25.70	26.20	
	40	19.20	18.80	16.05		40	23.80	25.10	25.70	
	50	20.00	19.45	16.80		50	23.22	24.60	25.20	
9	0	20.70	20.20	17.40	3	0	22.70	24.00	24.70	
	10	21.43	20.95	18.00		10	22.10	23.60	24.30	
	20	22.15	21.65	18.55		20	21.56	23.00	23.80	
	30	22.80	22.35	19.15		30	21.07	22.60	23.35	
	40	23.47	23.05	19.75		40	20.60	22.00	22.85	
	50	24.13	23.65	20.40		50	20.13	21.60	22.50	
10	0	24.70	24.30	21.05	4	0	19.65	21.00	22.10	
	10	25.35	25.00	21.70		10	19.18	20.60	21.70	
	20	25.95	25.60	22.30		20	18.72	20.20	21.30	
	30	26.55	26.20	22.95		30	18.30	19.80	20.90	
	40	27.15	26.80	23.50		40	17.90	19.40	20.60	
	50	27.75	27.40	24.10		50	17.49	19.00	20.20	
11	0	28.33	28.00	24.70	5	0	17.06	18.50	19.90	
	10	28.95	28.60	25.30		10	16.65	18.10	19.55	
	20	29.57	29.20	25.90		20	16.25	17.70	19.25	
	30	30.21	29.80	26.50		30	15.85	17.30	18.95	
	40	30.62	30.25	27.20		40	15.50	16.90	18.65	
	50	31.00	30.80	27.80		50	15.15	16.50	18.35	
12	0 Noon	31.30	31.20	28.40	6	0	14.81	16.20	18.05	

Height on Guage above the assumed zero.

12.90
13.35
14.66
31.60
31.80
30.45

TIME.

6.55 A.M.
7.20 " "
7.25 " "
8.15 " "
0.25 P.M.
0.20 " "
0.40 " "
1.00 " "

Low-water at { Deptford . . .
London-bridge . . .
Battersea . . .

High-water at { Deptford . . .
London-bridge . . .
Battersea . . .

ORDNANCE METROPOLITAN SURVEY.

REGISTER OF TIDES IN THE RIVER THAMES.

Date, 19th July, 1849.

TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			TIME.		Height of Tide on the Guages above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.			General Remarks respecting Wind, Weather, &c.
H.	M.	Deptford.	London Bridge.	Battersea.	H.	M.	Deptford.	London Bridge.	Battersea.	
		Feet.	Feet.	Feet.			Feet.	Feet.	Feet.	
6	0 A.M.	15.63	16.85	18.70	12	0 Noon	29.20	28.60	25.10	
	10	15.22	16.55	18.40		10 P.M.	29.80	29.30	25.75	
	20	14.84	16.20	18.15		20	30.43	30.00	26.50	
	30	14.50	15.90	17.90		30	31.05	30.60	27.10	
	40	14.20	15.55	17.65		40	31.45	31.20	27.80	
	50	13.90	15.20	17.40		50	31.73	31.60	28.55	
7	0	13.60	14.90	17.15	1	0	31.95	31.95	29.20	
	10	13.32	14.70	16.90		10	32.05	32.15	29.80	
	20	13.07	14.35	16.70		20	32.13	32.35	30.20	
	30	12.83	14.05	16.50		30	32.02	32.40	30.50	
	40	12.62	13.75	16.30		40	31.70	32.30	30.80	
	50	12.45	13.50	16.10		50	31.16	31.90	30.95	
8	0 <i>L.M.</i>	12.30	13.30	15.90	2	0	30.52	31.50	30.80	Height on Guage above the assumed zero.
	10	12.30	13.10	15.65		10	29.90	30.80	30.60	
	20	12.55	12.90	15.50		20	29.10	30.10	30.30	
	30	13.25	12.80	15.30		30	28.20	29.40	29.70	
	40	14.20	13.00	15.20		40	27.53	28.80	29.10	
	50	14.90	14.30	15.00		50	26.85	28.10	28.50	
9	0	15.70	15.20	14.85	3	0	26.13	27.40	27.90	
	10	16.50	16.00	14.70		10	25.52	26.80	27.35	
	20	17.30	16.80	14.60		20	24.85	26.10	26.70	
	30	18.15	17.60	14.85		30	24.25	25.60	26.20	
	40	19.02	18.40	15.60		40	23.68	25.00	25.70	
	50	19.85	19.20	16.30		50	23.12	24.70	25.20	
10	0	20.73	20.00	17.05	4	0	22.60	24.10	24.75	
	10	21.52	20.80	17.60		10	22.07	23.50	24.30	
	20	22.30	21.70	18.35		20	21.54	22.90	23.90	
	30	23.10	22.40	19.00		30	21.00	22.45	23.30	
	40	23.75	23.20	19.70		40	20.50	21.90	22.90	
	50	24.45	24.00	20.30		50	20.00	21.45	22.50	
11	0	25.12	24.60	21.00	5	0	19.50	21.00	22.10	
	10	25.79	25.20	21.80		10	19.03	20.60	21.70	
	20	26.45	26.00	22.50		20	18.60	20.10	21.40	
	30	27.15	26.65	23.15		30	18.15	19.70	20.90	
	40	27.85	27.30	23.80		40	17.72	19.20	20.60	
	50	28.55	28.00	24.50		50	17.30	18.80	20.25	
12	0 Noon	29.20	28.60	25.10	6	0	16.90	18.40	19.90	

12.25
12.80
14.60
32.13
32.40
30.95

8.5 A.M.
8.25 }
8.35 }
9.20 }
1.20 P.M.
1.25 }
1.35 }
1.50 }

Low-water at { Deptford . . .
London-bridge
Battersea . . .
High-water at { Deptford . . .
London-bridge
Battersea . . .

RESULTS

DEDUCED FROM

THE TIDE OBSERVATIONS.

	Height above the assumed zero point, which is 20 feet below the Ordnance Datum Plane.		
	Deptford.	London Bridge.	Battersea.
	Feet.	Feet.	Feet.
Highest High Water observed during the Month . . .	33·14	33·45	32·15
Lowest Low Water observed during the Month . . .	10·81	11·75	14·45
Mean of all the High Waters observed during the Month	30·98	31·23	29·95
Mean of all the Low Waters observed during the Month	13·06	13·65	15·04
Mean Tide from the Month's Observations	22·02	22·44	22·50
Mean Tide (Approx.) at Liverpool, identical with } O. D. P. }	20·00	20·00	20·00
Mean Tide at London above Approx. Mean Tide at } Liverpool }	2·02	2·44	2·50
			Height above the assumed zero point.
Trinity High Water Mark at Lomer's Quay, Billingsgate			32·36
” ” at the Hermitage Entrance of the London } Docks }			32·50
” ” at the Shadwell Entrance of the London } Docks }			32·59
” ” at the Limehouse Entrance of the West } India Dock Basin }			32·75
” ” at the Limehouse Entrance of the South } Dock }			32·71
” ” at the Blackwall Entrance of ditto			32·73
” ” at the Blackwall Entrance of the West } India Docks }			32·77

RESULTS
THE TIDE OBSERVATIONS

Time	Barometer	Temperature	Direction	Force	Remarks
3:00	30.00	58.4	SW	1.0	at the bank near the pier
3:30	30.00	58.4	SW	1.0	at the bank near the pier
4:00	30.00	58.4	SW	1.0	at the bank near the pier
4:30	30.00	58.4	SW	1.0	at the bank near the pier
5:00	30.00	58.4	SW	1.0	at the bank near the pier
5:30	30.00	58.4	SW	1.0	at the bank near the pier
6:00	30.00	58.4	SW	1.0	at the bank near the pier
6:30	30.00	58.4	SW	1.0	at the bank near the pier
7:00	30.00	58.4	SW	1.0	at the bank near the pier
7:30	30.00	58.4	SW	1.0	at the bank near the pier
8:00	30.00	58.4	SW	1.0	at the bank near the pier
8:30	30.00	58.4	SW	1.0	at the bank near the pier
9:00	30.00	58.4	SW	1.0	at the bank near the pier
9:30	30.00	58.4	SW	1.0	at the bank near the pier
10:00	30.00	58.4	SW	1.0	at the bank near the pier
10:30	30.00	58.4	SW	1.0	at the bank near the pier
11:00	30.00	58.4	SW	1.0	at the bank near the pier
11:30	30.00	58.4	SW	1.0	at the bank near the pier
12:00	30.00	58.4	SW	1.0	at the bank near the pier

